

Functions		Sales Packages					
Function Group	Function Name	COMMUNICATOR	COMMUNICATOR with CONVERGENT MODELING*	EDITOR	EDITOR with CONVERGENT MODELING*	DESIGNER	DESIGNER with CONVERGENT MODELING*
		*This spreadsheet indicates the function calls that are permitted using a license of the appropriate sales package. For information on which functions support facet geometry, please see the Parasolid Documentation					
PK_APPITEM	PK_APPITEM_ask	yes	yes	yes	yes	yes	yes
	PK_APPITEM_create	yes	yes	yes	yes	yes	yes
	PK_APPITEM_delete	yes	yes	yes	yes	yes	yes
	PK_APPITEM_is	yes	yes	yes	yes	yes	yes
	PK_APPITEM_reset_pointers	yes	yes	yes	yes	yes	yes
new at 28.1							
PK_ASSEMBLY	PK_ASSEMBLY_ask_instances	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_ask_parts	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_ask_parts_transfs	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_check	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_create_empty	yes	yes	yes	yes	yes	yes
New at v35.0	PK_ASSEMBLY_make_level_assembly	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_transform	yes	yes	yes	yes	yes	yes
PK_ATTDEF	PK_ATTDEF_ask	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask_2	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask_callback_flags	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask_callbacks	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_create	yes	yes	yes	yes	yes	yes
New at v31.0	PK_ATTDEF_create_2	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_find	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_is_group_closing	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_register_cb	yes	yes	yes	yes	yes	yes
New at v31.0	PK_ATTDEF_set_callback_flags	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_set_group_closing	yes	yes	yes	yes	yes	yes
PK_ATTRIB	PK_ATTRIB_ask_attdef	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_axes	yes	yes	yes	yes	yes	yes
New at v30.1	PK_ATTRIB_ask_named_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_pointers	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_vectors	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_no_roll	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_axis	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_double	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_int	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_pointer	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_vector	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_owner	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_pointers	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_vectors	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_create_empty	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_pointers	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_vectors	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_no_roll	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_pointers	yes	yes	yes	yes	yes	yes
new at v30.0	PK_ATTRIB_set_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_vectors	yes	yes	yes	yes	yes	yes
PK_BB	PK_BB_ask	no	no	yes	yes	yes	yes
	PK_BB_ask_status	no	no	yes	yes	yes	yes
	PK_BB_create	no	no	yes	yes	yes	yes
	PK_BB_is	no	no	yes	yes	yes	yes
	PK_BB_is_empty	no	no	yes	yes	yes	yes
	PK_BB_output_events	no	no	yes	yes	yes	yes
	PK_BB_set_status	no	no	yes	yes	yes	yes
PK_BCURVE	PK_BCURVE_add_knot	yes	yes	yes	yes	yes	yes
	PK_BCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_BCURVE_ask_knots	yes	yes	yes	yes	yes	yes
	PK_BCURVE_ask_piecewise	yes	yes	yes	yes	yes	yes
	PK_BCURVE_ask_splines	yes	yes	yes	yes	yes	yes
new at v18.0	PK_BCURVE_clamp_knots	yes	yes	yes	yes	yes	yes
	PK_BCURVE_combine	no	no	no	no	yes	yes
	PK_BCURVE_create	yes	yes	yes	yes	yes	yes
	PK_BCURVE_create_by_fitting	no	no	no	no	yes	yes
	PK_BCURVE_create_fitted	no	no	no	no	yes	yes
new at v17.0	PK_BCURVE_create_piecewise	yes	yes	yes	yes	yes	yes
	PK_BCURVE_create_spline	no	no	no	no	yes	yes
	PK_BCURVE_create_spline_2	no	no	no	no	yes	yes
	PK_BCURVE_create_splines	no	no	no	no	yes	yes
	PK_BCURVE_extend	no	no	yes	yes	yes	yes
new at v20.0	PK_BCURVE_find_g1_discontinuity	yes	yes	yes	yes	yes	yes
	PK_BCURVE_join	no	no	no	no	yes	yes
	PK_BCURVE_lower_degree	no	no	no	no	yes	yes
	PK_BCURVE_make_bsurf_lofted	no	no	no	no	yes	yes
	PK_BCURVE_make_matched	no	no	no	no	yes	yes

new at v17.0	PK_BCURVE_raise_degree	no	no	no	no	yes	yes
	PK_BCURVE_remove_knots	no	no	no	no	yes	yes
	PK_BCURVE_reparameterise	no	no	no	no	yes	yes
	PK_BCURVE_spin	no	no	yes	yes	yes	yes
	PK_BCURVE_sweep	no	no	yes	yes	yes	yes
PK_BLENDSF							
	PK_BLENDSF_ask	yes	yes	yes	yes	yes	yes
PK_BODY							
New at 26.0	PK_BODY_add_to_compound	yes	yes	yes	yes	yes	yes
	PK_BODY_apply_knit_pattern	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_ask_children	yes	yes	yes	yes	yes	yes
New at 19.1	PK_BODY_ask_components	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_curve_nmnl_state	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_edges	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_faces	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_fins	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_first_edge	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_first_face	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_loops	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_memory_usage	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_ask_parent	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_regions	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_shells	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_type	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_vertices	yes	yes	yes	yes	yes	yes
	PK_BODY_boolean	no	no	no	no	yes	yes
	PK_BODY_boolean_2	no	no	no	no	yes	yes
	PK_BODY_change_partition	yes	yes	yes	yes	yes	yes
	PK_BODY_check	yes	yes	yes	yes	yes	yes
	PK_BODY_contains_vector	yes	yes	yes	yes	yes	yes
	PK_BODY_copy_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_minimum_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_circle	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_planar	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_polygon	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_rectangle	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_block	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_cone	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_cyl	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_prism	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_sphere	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_torus	yes	yes	yes	yes	yes	yes
	PK_BODY_create_topology	yes	yes	yes	yes	yes	yes
new at 23.1	PK_BODY_create_topology_2	yes	yes	yes	yes	yes	yes
	PK_BODY_create_wire_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_disjoin	yes	yes	yes	yes	yes	yes
	PK_BODY_embed_in_surf	no	no	no	no	yes	yes
	PK_BODY_emboss	no	no	no	no	yes	yes
New at v35.0	PK_BODY_enlarge	no	no	yes	yes	yes	yes
	PK_BODY_extend	no	no	yes	yes	yes	yes
	PK_BODY_extrude	no	no	no	no	yes	yes
	PK_BODY_fill_hole	no	no	yes	yes	yes	yes
	PK_BODY_find_extreme	yes	yes	yes	yes	yes	yes
	PK_BODY_find_facesets	yes	yes	yes	yes	yes	yes
	PK_BODY_find_knit_pattern	yes	yes	yes	yes	yes	yes
	PK_BODY_find_laminar_edges	yes	yes	yes	yes	yes	yes
	PK_BODY_fix_blends	no	no	no	no	yes	yes
	PK_BODY_hollow	no	no	no	no	yes	yes
	PK_BODY_hollow_2	no	no	no	no	yes	yes
	PK_BODY_identify_details	no	no	yes	yes	yes	yes
	PK_BODY_identify_facesets	no	no	yes	yes	yes	yes
New at 19.0	PK_BODY_identify_general	yes	yes	yes	yes	yes	yes
	PK_BODY_imprint_body	no	no	yes	yes	yes	yes
	PK_BODY_imprint_curve	no	no	yes	yes	yes	yes
	PK_BODY_imprint_curves_normal	no	no	yes	yes	yes	yes
	PK_BODY_imprint_curves_vector	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_normal	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_shadow	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_vec	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_vector	no	no	yes	yes	yes	yes
	PK_BODY_imprint_faces	no	no	yes	yes	yes	yes
New at 23.1	PK_BODY_imprint_faces_2	no	no	yes	yes	yes	yes
	PK_BODY_imprint_plane	no	no	yes	yes	yes	yes
New at 24.0	PK_BODY_imprint_plane_2	no	no	yes	yes	yes	yes
	PK_BODY_intersect_bodies	no	no	yes	yes	yes	yes
New at 26.0	PK_BODY_knit	yes	yes	yes	yes	yes	yes
New at v25.0	PK_BODY_make_compound	yes	yes	yes	yes	yes	yes
	PK_BODY_make_curves_outline	no	no	yes	yes	yes	yes
new at v28.1	PK_BODY_make_facet_body	no	yes	no	yes	no	yes
	PK_BODY_make_lofted_body	no	no	no	no	yes	yes
	PK_BODY_make_manifold_bodies	yes	yes	yes	yes	yes	yes
New at v35.0	PK_BODY_make_patterned	no	no	no	yes	no	yes
New at v30.1	PK_BODY_make_persp_outline	no	no	yes	yes	yes	yes
	PK_BODY_make_section	yes	yes	yes	yes	yes	yes
	PK_BODY_make_section_with_surfs	yes	yes	yes	yes	yes	yes
	PK_BODY_make_spun_outline	no	no	yes	yes	yes	yes
	PK_BODY_make_swept_body	no	no	no	no	yes	yes
new at v17.1	PK_BODY_make_swept_body_2	no	no	no	no	yes	yes
	PK_BODY_make_swept_tool	no	no	no	no	yes	yes
	PK_BODY_offset	no	no	no	no	yes	yes
	PK_BODY_offset_2	no	no	no	no	yes	yes
	PK_BODY_offset_planar_wire	no	no	no	no	yes	yes
	PK_BODY_pick_topols	yes	yes	yes	yes	yes	yes
new at 25.0	PK_BODY_remove_from_parents	yes	yes	yes	yes	yes	yes
new at 23.0	PK_BODY_repair_shells	yes	yes	yes	yes	yes	yes
	PK_BODY_reverse_orientation	yes	yes	yes	yes	yes	yes
	PK_BODY_section_with_sheet	yes	yes	yes	yes	yes	yes
	PK_BODY_section_with_sheet_2	yes	yes	yes	yes	yes	yes
	PK_BODY_section_with_surf	yes	yes	yes	yes	yes	yes
	PK_BODY_set_curve_nmnl_state	yes	yes	yes	yes	yes	yes

new at v23.1	PK_BODY_set_type	yes	yes	yes	yes	yes	yes
	PK_BODY_sew_bodies	yes	yes	yes	yes	yes	yes
	PK_BODY_share_geom	yes	yes	yes	yes	yes	yes
	PK_BODY_simplify_geom	yes	yes	yes	yes	yes	yes
	PK_BODY_spin	no	no	yes	yes	yes	yes
	PK_BODY_subtract_bodies	no	no	yes	yes	yes	yes
	PK_BODY_sweep	no	no	yes	yes	yes	yes
	PK_BODY_taper	no	no	no	no	yes	yes
	PK_BODY_thicken	no	no	no	no	yes	yes
	PK_BODY_thicken_2	no	no	no	no	yes	yes
	PK_BODY_thicken_3	no	no	no	no	yes	yes
	PK_BODY_transform	yes	yes	yes	yes	yes	yes
	PK_BODY_transform_2	yes	yes	yes	yes	yes	yes
	PK_BODY_trim	no	no	yes	yes	yes	yes
	PK_BODY_trim_gap_analysis	no	no	yes	yes	yes	yes
new at v22.0	PK_BODY_trim_neutral_sheets	no	no	no	no	yes	yes
	PK_BODY_trim_neutral_sheets_2	no	no	no	no	yes	yes
PK_BSURF	PK_BODY_unite_bodies	no	no	yes	yes	yes	yes
new at v17.0	PK_BSURF_add_u_knot	yes	yes	yes	yes	yes	yes
	PK_BSURF_add_v_knot	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask_knots	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask_piecewise	yes	yes	yes	yes	yes	yes
new at v18.0	PK_BSURF_ask_splewise	yes	yes	yes	yes	yes	yes
	PK_BSURF_clamp_knots	yes	yes	yes	yes	yes	yes
New at 19.1	PK_BSURF_create	yes	yes	yes	yes	yes	yes
new at v17.0	PK_BSURF_create_constrained	no	no	no	no	yes	yes
	PK_BSURF_create_fitted	no	no	no	no	yes	yes
new at v17.0	PK_BSURF_create_piecewise	yes	yes	yes	yes	yes	yes
	PK_BSURF_create_splewise	yes	yes	yes	yes	yes	yes
	PK_BSURF_find_g1_discontinuity	yes	yes	yes	yes	yes	yes
	PK_BSURF_lower_degree	no	no	no	no	yes	yes
	PK_BSURF_make_bcurve_u_isoparam	yes	yes	yes	yes	yes	yes
new at v17.0	PK_BSURF_make_bcurve_v_isoparam	yes	yes	yes	yes	yes	yes
	PK_BSURF_raise_degree	no	no	no	no	yes	yes
	PK_BSURF_remove_knots	no	no	no	no	yes	yes
	PK_BSURF_reparameterise	no	no	no	no	yes	yes
PK_CIRCLE	PK_CIRCLE_ask	yes	yes	yes	yes	yes	yes
	PK_CIRCLE_create	yes	yes	yes	yes	yes	yes
PK_CLASS							
	PK_CLASS_ask_superclass	yes	yes	yes	yes	yes	yes
PK_CONE	PK_CLASS_is_subclass	yes	yes	yes	yes	yes	yes
PK_CURVE	PK_CONE_ask	yes	yes	yes	yes	yes	yes
	PK_CONE_create	yes	yes	yes	yes	yes	yes
	PK_CONE_make_solid_body	yes	yes	yes	yes	yes	yes
new at v20.0							
	PK_CURVE_ask_edges	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_edges_nmnI	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_fin	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_interval	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_param	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_parm_different	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_part	yes	yes	yes	yes	yes	yes
	PK_CURVE_convert_parm_to_ki	yes	yes	yes	yes	yes	yes
	PK_CURVE_convert_parm_to_pk	yes	yes	yes	yes	yes	yes
	PK_CURVE_embed_in_surf	yes	yes	yes	yes	yes	yes
	PK_CURVE_embed_in_surf_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_curvature	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_curvature_handed	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_handed	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_with_tan_handed	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_with_tangent	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_box	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_degens	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_discontinuity	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_length	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_min_radius	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_non_aligned_box	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_self_int	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_surfs_common	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_vector_interval	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_vectors	yes	yes	yes	yes	yes	yes
	PK_CURVE_fix_degens	yes	yes	yes	yes	yes	yes
	PK_CURVE_fix_self_int	yes	yes	yes	yes	yes	yes
	PK_CURVE_intersect_curve	yes	yes	yes	yes	yes	yes
	PK_CURVE_is_isoparam	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_approx	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_bcurve	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_bcurve_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_bcurve_array	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_curve_reversed	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_helical_surf	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_spcurves	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_spcurves_2	yes	yes	yes	yes	yes	yes
new at v18.1	PK_CURVE_make_surf_isocline	no	no	no	no	yes	yes
	PK_CURVE_make_wire_body	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_wire_body_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_output_vectors	yes	yes	yes	yes	yes	yes
	PK_CURVE_parameterise_vector	yes	yes	yes	yes	yes	yes
New at v25.0	PK_CURVE_project	no	no	yes	yes	yes	yes
	PK_CURVE_spin	yes	yes	yes	yes	yes	yes
	PK_CURVE_spin_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_sweep	yes	yes	yes	yes	yes	yes
PK_CYL	PK_CYL_ask	yes	yes	yes	yes	yes	yes
	PK_CYL_create	yes	yes	yes	yes	yes	yes
	PK_CYL_make_solid_body	yes	yes	yes	yes	yes	yes
PK_DELTA							
	PK_DELTA_register_callbacks	yes	yes	yes	yes	yes	yes

PK_EDGE							
	PK_EDGE_ask_blend	yes	yes	yes	yes	yes	yes
new at v18.1	PK_EDGE_ask_body	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_convexity	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_curve	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_curve_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_faces	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_fins	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_first_fin	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_geometry	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_geometry_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_next_in_body	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_oriented_curve	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_precision	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_shells	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_type	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_vertices	yes	yes	yes	yes	yes	yes
new at 23.1	PK_EDGE_attach_curve_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_attach_curves	yes	yes	yes	yes	yes	yes
	PK_EDGE_attach_curves_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_check	yes	yes	yes	yes	yes	yes
new at v18.1	PK_EDGE_check_blends	no	no	no	no	yes	yes
	PK_EDGE_contains_vector	yes	yes	yes	yes	yes	yes
	PK_EDGE_delete	no	no	yes	yes	yes	yes
	PK_EDGE_delete_wireframe	yes	yes	yes	yes	yes	yes
	PK_EDGE_detach_curve_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_euler_close_zip	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_make_loop	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_ring_face	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_ring_loop	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_with_face	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_with_loop	no	no	no	no	yes	yes
	PK_EDGE_euler_merge_vertices	no	no	no	no	yes	yes
	PK_EDGE_euler_open_zip	no	no	no	no	yes	yes
	PK_EDGE_euler_slit	no	no	no	no	yes	yes
	PK_EDGE_euler_split	no	no	no	no	yes	yes
New at v24.1	PK_EDGE_find_blend_topol	no	no	no	no	yes	yes
	PK_EDGE_find_deviation	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_deviation_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_end_tangents	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_extreme	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_g1_edges	no	no	no	no	yes	yes
	PK_EDGE_find_interval	yes	yes	yes	yes	yes	yes
	PK_EDGE_imprint_point	yes	yes	yes	yes	yes	yes
	PK_EDGE_is_planar	yes	yes	yes	yes	yes	yes
	PK_EDGE_is_smooth	yes	yes	yes	yes	yes	yes
New at v25.0	PK_EDGE_make_curve	no	no	no	no	yes	yes
	PK_EDGE_make_faces_from_wire	yes	yes	yes	yes	yes	yes
	PK_EDGE_make_wire_body	yes	yes	yes	yes	yes	yes
New at v17.0	PK_EDGE_offset_on_body	no	no	no	no	yes	yes
	PK_EDGE_optimise	no	no	yes	yes	yes	yes
	PK_EDGE_propagate_orientation	yes	yes	yes	yes	yes	yes
New at 26.0	PK_EDGE_remove_blend	no	no	yes	yes	yes	yes
	PK_EDGE_remove_to_bodies	no	no	yes	yes	yes	yes
	PK_EDGE_repair	yes	yes	yes	yes	yes	yes
New at v25.0	PK_EDGE_reset_precision_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_reset_precision	yes	yes	yes	yes	yes	yes
	PK_EDGE_reverse	yes	yes	yes	yes	yes	yes
New at v23.1	PK_EDGE_reverse_2	yes	yes	yes	yes	yes	yes
New at v27.0	PK_EDGE_set_blend_chain	no	no	no	no	yes	yes
	PK_EDGE_set_blend_chamfer	no	no	no	no	yes	yes
	PK_EDGE_set_blend_constant	no	no	no	no	yes	yes
	PK_EDGE_set_blend_variable	no	no	no	no	yes	yes
	PK_EDGE_set_precision	yes	yes	yes	yes	yes	yes
New at v18.0	PK_EDGE_set_precision_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_split_at_param	yes	yes	yes	yes	yes	yes
PK_ELLIPSE							
	PK_ELLIPSE_ask	yes	yes	yes	yes	yes	yes
	PK_ELLIPSE_create	yes	yes	yes	yes	yes	yes
PK_ENTITY							
New at v31.0	PK_ENTITY_ask_attribs	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_class	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_description	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_first_attrib	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_identifier	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_owning_groups	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_owning_groups_2	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_partition	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_user_field	yes	yes	yes	yes	yes	yes
New at v25.0	PK_ENTITY_check_attribs	yes	yes	yes	yes	yes	yes
	PK_ENTITY_copy	yes	yes	yes	yes	yes	yes
	PK_ENTITY_copy_2	yes	yes	yes	yes	yes	yes
New at v21.0	PK_ENTITY_delete	yes	yes	yes	yes	yes	yes
	PK_ENTITY_delete_attribs	yes	yes	yes	yes	yes	yes
	PK_ENTITY_find_reparam	yes	yes	yes	yes	yes	yes
New at 29.0	PK_ENTITY_is	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_curve	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_geom	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_part	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_surf	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_topol	yes	yes	yes	yes	yes	yes
	PK_ENTITY_may_own_attdef	yes	yes	yes	yes	yes	yes
	PK_ENTITY_range	yes	yes	yes	yes	yes	yes
	PK_ENTITY_range_vector	yes	yes	yes	yes	yes	yes
	PK_ENTITY_set_user_field	yes	yes	yes	yes	yes	yes
PK_ERROR							
	PK_ERROR_ask_callbacks	yes	yes	yes	yes	yes	yes
	PK_ERROR_ask_last	yes	yes	yes	yes	yes	yes
	PK_ERROR_clear_last	yes	yes	yes	yes	yes	yes
	PK_ERROR_raise	yes	yes	yes	yes	yes	yes
	PK_ERROR_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_ERROR_reraise	yes	yes	yes	yes	yes	yes
PK_FACE							

New at v24.1	PK_FACE_ask_body	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_edges	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_faces_adjacent	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_first_loop	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_loops	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_next_in_body	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_oriented_surf	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_shells	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_surf	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_vertices	yes	yes	yes	yes	yes	yes
	PK_FACE_attach_surf_fitting	yes	yes	yes	yes	yes	yes
	PK_FACE_attach_surfs	yes	yes	yes	yes	yes	yes
	PK_FACE_boolean	no	no	no	no	yes	yes
	PK_FACE_boolean_2	no	no	no	no	yes	yes
	PK_FACE_change	no	no	no	no	yes	yes
New at v24.1	PK_FACE_check	yes	yes	yes	yes	yes	yes
	PK_FACE_check_pair	yes	yes	yes	yes	yes	yes
	PK_FACE_classify_details	no	no	yes	yes	yes	yes
	PK_FACE_close_gaps	yes	yes	yes	yes	yes	yes
	PK_FACE_contains_vectors	yes	yes	yes	yes	yes	yes
new at v22.0	PK_FACE_cover	no	no	no	no	yes	yes
	PK_FACE_delete	no	no	yes	yes	yes	yes
	PK_FACE_delete_2	no	no	yes	yes	yes	yes
	PK_FACE_delete_blends	no	no	yes	yes	yes	yes
	PK_FACE_delete_facesets	no	no	yes	yes	yes	yes
	PK_FACE_delete_from_gen_body	no	no	yes	yes	yes	yes
	PK_FACE_delete_from_sheet	no	no	yes	yes	yes	yes
	PK_FACE_delete_from_sheet_body	no	no	yes	yes	yes	yes
	PK_FACE_emboss	no	no	no	no	yes	yes
	PK_FACE_euler_make_loop	no	no	no	no	yes	yes
	PK_FACE_euler_make_ring_face	no	no	no	no	yes	yes
	PK_FACE_euler_make_ring_loop	no	no	no	no	yes	yes
	PK_FACE_euler_unslit	no	no	no	no	yes	yes
	PK_FACE_find_blend_unders	no	no	yes	yes	yes	yes
	PK_FACE_find_edges_common	yes	yes	yes	yes	yes	yes
new at v24.0	PK_FACE_find_extreme	yes	yes	yes	yes	yes	yes
	PK_FACE_find_interior_vec	yes	yes	yes	yes	yes	yes
new at v18.1	PK_FACE_find_outer_loop	yes	yes	yes	yes	yes	yes
	PK_FACE_find_uvbox	yes	yes	yes	yes	yes	yes
New at v33.0	PK_FACE_fix_mesh_defects	no	no	no	yes	no	yes
	PK_FACE_hollow	no	no	no	no	yes	yes
	PK_FACE_hollow_2	no	no	no	no	yes	yes
	PK_FACE_hollow_3	no	no	no	no	yes	yes
	PK_FACE_identify_blends	no	no	yes	yes	yes	yes
New at 27.1	PK_FACE_imprint_curve	no	no	yes	yes	yes	yes
	PK_FACE_imprint_curves_2	no	no	yes	yes	yes	yes
	PK_FACE_imprint_curves_isocline	no	no	no	no	yes	yes
	PK_FACE_imprint_cus_isoclin	no	no	no	no	yes	yes
	PK_FACE_imprint_cus_normal	no	no	yes	yes	yes	yes
new at 22.1	PK_FACE_imprint_cus_vec	no	no	yes	yes	yes	yes
	PK_FACE_imprint_cus_vector	no	no	yes	yes	yes	yes
	PK_FACE_imprint_faces_2	no	no	yes	yes	yes	yes
	PK_FACE_imprint_faces	no	no	yes	yes	yes	yes
	PK_FACE_imprint_point	yes	yes	yes	yes	yes	yes
new at 23.0	PK_FACE_install_surfs_isocline	no	no	no	no	yes	yes
	PK_FACE_instance_bodies	no	no	no	no	yes	yes
	PK_FACE_instance_tools	no	no	no	no	yes	yes
	PK_FACE_intersect_curve	yes	yes	yes	yes	yes	yes
	PK_FACE_intersect_face	yes	yes	yes	yes	yes	yes
new at 22.1	PK_FACE_intersect_surf	yes	yes	yes	yes	yes	yes
	PK_FACE_is_coincident	yes	yes	yes	yes	yes	yes
	PK_FACE_is_periodic	yes	yes	yes	yes	yes	yes
	PK_FACE_is_uvbox	yes	yes	yes	yes	yes	yes
	PK_FACE_make_3_face_blend	no	no	no	no	yes	yes
	PK_FACE_make_blend	no	no	no	no	yes	yes
	PK_FACE_make_neutral_sheet	no	no	no	no	yes	yes
	PK_FACE_make_neutral_sheet_2	no	no	no	no	yes	yes
	PK_FACE_make_sect_with_sfs	yes	yes	yes	yes	yes	yes
	PK_FACE_make_sheet_bodies	yes	yes	yes	yes	yes	yes
	PK_FACE_make_sheet_body	yes	yes	yes	yes	yes	yes
	PK_FACE_make_solid_bodies	yes	yes	yes	yes	yes	yes
	PK_FACE_offset	no	no	no	no	yes	yes
	PK_FACE_offset_2	no	no	no	no	yes	yes
	PK_FACE_output_surf_trimmed	yes	yes	yes	yes	yes	yes
New at 28.0	PK_FACE_pattern	no	no	no	no	yes	yes
	PK_FACE_remove_to_solid_bodies	no	no	yes	yes	yes	yes
	PK_FACE_repair	yes	yes	yes	yes	yes	yes
	PK_FACE_replace_surfs	no	no	yes	yes	yes	yes
	PK_FACE_reparameterise_surf	no	no	no	no	yes	yes
	PK_FACE_replace_surfs_2	no	no	yes	yes	yes	yes
	PK_FACE_replace_surfs_3	no	no	yes	yes	yes	yes
	PK_FACE_replace_with_sheet	no	no	yes	yes	yes	yes
	PK_FACE_reverse	yes	yes	yes	yes	yes	yes
	PK_FACE_section_with_sheet	yes	yes	yes	yes	yes	yes
	PK_FACE_section_with_sheet_2	yes	yes	yes	yes	yes	yes
	PK_FACE_set_approx	yes	yes	yes	yes	yes	yes
	PK_FACE_simplify_geom	yes	yes	yes	yes	yes	yes
	PK_FACE_spin	no	no	yes	yes	yes	yes
	PK_FACE_split_at_param	yes	yes	yes	yes	yes	yes
PK_FCURVE	PK_FACE_sweep	no	no	yes	yes	yes	yes
	PK_FACE_taper	no	no	no	no	yes	yes
	PK_FACE_transform	no	no	yes	yes	yes	yes
	PK_FACE_transform_2	no	no	yes	yes	yes	yes
	PK_FACE_unset_approx	yes	yes	yes	yes	yes	yes
PK_FIN	PK_FCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_FCURVE_create	yes	yes	yes	yes	yes	yes
PK_FIN	PK_FIN_ask_body	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_curve	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_edge	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_face	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_geometry	yes	yes	yes	yes	yes	yes

New at v31.0	PK_FIN_ask_loop	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_next_in_loop	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_next_of_edge	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_oriented_curve	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_previous_in_loop	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_previous_of_edge	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_type	yes	yes	yes	yes	yes	yes
	PK_FIN_attach_curves	yes	yes	yes	yes	yes	yes
	PK_FIN_euler_glue	no	no	no	no	yes	yes
	PK_FIN_find_curve_parameter	yes	yes	yes	yes	yes	yes
	PK_FIN_find_interval	yes	yes	yes	yes	yes	yes
	PK_FIN_find_mtopols	no	yes	no	yes	no	yes
	PK_FIN_find_surf_parameters	yes	yes	yes	yes	yes	yes
	PK_FIN_find_uvbox	yes	yes	yes	yes	yes	yes
	PK_FIN_is_positive	yes	yes	yes	yes	yes	yes
PK_FSURF							
	PK_FSURF_ask	yes	yes	yes	yes	yes	yes
	PK_FSURF_create	yes	yes	yes	yes	yes	yes
PK_FUNCTION							
New at v25.1	PK_FUNCTION_find	yes	yes	yes	yes	yes	yes
PK_GEOM							
new at 28.1	PK_GEOM_ask_dependents	yes	yes	yes	yes	yes	yes
	PK_GEOM_ask_geom_category	no	yes	no	yes	no	yes
new at 23.1	PK_GEOM_ask_geom_owners	yes	yes	yes	yes	yes	yes
	PK_GEOM_check	yes	yes	yes	yes	yes	yes
New at v35.0	PK_GEOM_copy	yes	yes	yes	yes	yes	yes
	PK_GEOM_delete_single	yes	yes	yes	yes	yes	yes
New at 19.1 New at v32.1	PK_GEOM_enlarge	no	no	yes	yes	yes	yes
	PK_GEOM_is_coincident	yes	yes	yes	yes	yes	yes
	PK_GEOM_range	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_array	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_array_vector	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_local	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_local_vector	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_vector	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_vector_many	yes	yes	yes	yes	yes	yes
	PK_GEOM_render	yes	yes	yes	yes	yes	yes
	PK_GEOM_render_line	yes	yes	yes	yes	yes	yes
	PK_GEOM_transform	yes	yes	yes	yes	yes	yes
	PK_GEOM_transform_2	yes	yes	yes	yes	yes	yes
New at v31.0 New at 19.0 New at 27.1 New at 19.0 New at 19.0	PK_GROUP_add_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_closure	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_entity_class	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_entity_label	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_part	yes	yes	yes	yes	yes	yes
	PK_GROUP_contains_entity	yes	yes	yes	yes	yes	yes
	PK_GROUP_create_from_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_create_from_entities_2	yes	yes	yes	yes	yes	yes
	PK_GROUP_find_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_find_entity_label	yes	yes	yes	yes	yes	yes
	PK_GROUP_merge_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_remove_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_set_entity_label	yes	yes	yes	yes	yes	yes
PK_INSTANCE							
	PK_INSTANCE_ask	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_change_part	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_create	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_replace_transf	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_transform	yes	yes	yes	yes	yes	yes
PK_LATTICE							
New at v32.1	PK_LATTICE_ask_n_lballs	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_ask_n_lrods	no	yes	no	yes	no	yes
New at v33.1	PK_LATTICE_ask_part	no	yes	no	yes	no	yes
New at v33.1	PK_LATTICE_clip	no	no	no	yes	no	yes
New at v32.1	PK_LATTICE_create_by_graph	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_do_for_all_lballs	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_do_for_all_lrods	no	yes	no	yes	no	yes
New at v34.1	PK_LATTICE_find_box	no	yes	no	yes	no	yes
New at v35.0	PK_LATTICE_find_nabox	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_make_bodies	no	yes	no	yes	no	yes
New at v35.0	PK_LATTICE_make_patterned	no	no	no	yes	no	yes
PK_LBALL							
New at v35.0	PK_LBALL_ask_blend	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_lballs_adj	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_lrods	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_position	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_radius	no	yes	no	yes	no	yes
PK_LINE							
	PK_LINE_ask	yes	yes	yes	yes	yes	yes
	PK_LINE_create	yes	yes	yes	yes	yes	yes
PK_LOOP							
	PK_LOOP_ask_body	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_edges	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_face	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_fins	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_first_fin	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_next_in_face	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_type	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_vertices	yes	yes	yes	yes	yes	yes
	PK_LOOP_close_gaps	yes	yes	yes	yes	yes	yes
	PK_LOOP_delete_from_sheet_body	no	no	yes	yes	yes	yes
	PK_LOOP_euler_create_edge	no	no	no	no	yes	yes
	PK_LOOP_euler_delete_isolated	no	no	no	no	yes	yes
	PK_LOOP_euler_delete_make_edge	no	no	no	no	yes	yes
	PK_LOOP_euler_make_edge	no	no	no	no	yes	yes
	PK_LOOP_euler_make_edge_face	no	no	no	no	yes	yes
	PK_LOOP_euler_make_edge_loop	no	no	no	no	yes	yes
	PK_LOOP_euler_transfer	no	no	no	no	yes	yes
	PK_LOOP_is_isolated	yes	yes	yes	yes	yes	yes
PK_LROD							
New at v33.0	PK_LROD_ask_geometry	no	yes	no	yes	no	yes

New at v32.1	PK_LROD_ask_lballs	no	yes	no	yes	no	yes
PK_LTOPOL							
New at v32.1	PK_LTOPOL_ask_box	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_ask_class	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_is	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_is_null_m	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_null_m	no	yes	no	yes	no	yes
PK_MARK							
	PK_MARK_ask_following	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_forward	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_frustrum	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_pmarks	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_preceding	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_state	yes	yes	yes	yes	yes	yes
	PK_MARK_create	yes	yes	yes	yes	yes	yes
	PK_MARK_delete	yes	yes	yes	yes	yes	yes
	PK_MARK_goto	yes	yes	yes	yes	yes	yes
	PK_MARK_is	yes	yes	yes	yes	yes	yes
	PK_MARK_is_on	yes	yes	yes	yes	yes	yes
	PK_MARK_start	yes	yes	yes	yes	yes	yes
	PK_MARK_stop	yes	yes	yes	yes	yes	yes
PK_MEMORY							
	PK_MEMORY_alloc	yes	yes	yes	yes	yes	yes
	PK_MEMORY_ask_block_size	yes	yes	yes	yes	yes	yes
	PK_MEMORY_ask_callbacks	yes	yes	yes	yes	yes	yes
	PK_MEMORY_free	yes	yes	yes	yes	yes	yes
	PK_MEMORY_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_MEMORY_set_block_size	yes	yes	yes	yes	yes	yes
PK_MESH							
new at v28.1	PK_MESH_ask_n_mfacets	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_ask_n_mvertices	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_ask_normal_type	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_create_from_facets	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_discard_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_do_for_all_mfacets	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_do_for_all_mvertices	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_eval_with_mtopol	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_fill_holes	no	no	no	yes	no	yes
new at v28.1	PK_MESH_find_defects	no	no	no	yes	no	yes
new at v28.1	PK_MESH_find_laminar_mfins	no	yes	no	yes	no	yes
New at v30.1	PK_MESH_find_sharp_mfins	no	yes	no	yes	no	yes
new at v29.1	PK_MESH_find_sharp_mvxs	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_fix_defects	no	no	no	yes	no	yes
new at v28.1	PK_MESH_has_unique_normals	no	yes	no	yes	no	yes
New at v31.1	PK_MESH_imprint_vectors	no	yes	no	yes	no	yes
New at v34.1	PK_MESH_is_loaded	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_make_bodies	no	yes	no	yes	no	yes
new at v30.0	PK_MESH_make_surf_trimmed	no	no	no	yes	no	yes
new at v28.1	PK_MESH_store_normals	no	yes	no	yes	no	yes
PK_MFACET							
new at v28.1	PK_MFACET_ask_mfacet_adjacent	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mfin	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mvertices	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mv_x_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_normal	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_positions	no	yes	no	yes	no	yes
new at v30.0	PK_MFACET_find_perimeters	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_parameterise_vec	no	yes	no	yes	no	yes
PK_MFIN							
new at v28.1	PK_MFIN_ask_mfacet	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mfin_adjacent	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mfin_index	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mvertex	no	yes	no	yes	no	yes
new at v29.0	PK_MFIN_ask_mv_x_curvature	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mv_x_normal	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_next_in_mfacet	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_next_of_mvertex	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_previous_in_mfacet	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_previous_of_mvertex	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_is_laminar	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_is_same_mfacet	no	yes	no	yes	no	yes
New at v30.1	PK_MFIN_is_sharp	no	yes	no	yes	no	yes
PK_MTOPOL							
new at v28.1	PK_MTOPOL_ask_box	no	yes	no	yes	no	yes
new at v28.1	PK_MTOPOL_ask_class	no	yes	no	yes	no	yes
new at v28.1	PK_MTOPOL_is	no	yes	no	yes	no	yes
new at v29.0	PK_MTOPOL_make_meshes	no	yes	no	yes	no	yes
PK_MVERTEX							
new at v28.1	PK_MVERTEX_ask_mfacets	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_mfin	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_mvertices_ring	no	yes	no	yes	no	yes
new at v29.1	PK_MVERTEX_ask_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_position	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_is_laminar	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_set_positions	no	yes	no	yes	no	yes
PK_OFFSET							
	PK_OFFSET_ask	yes	yes	yes	yes	yes	yes
	PK_OFFSET_create	yes	yes	yes	yes	yes	yes
PK_PART							
	PK_PART_add_geoms	yes	yes	yes	yes	yes	yes
	PK_PART_ask_all_attdefs	yes	yes	yes	yes	yes	yes
	PK_PART_ask_all_attribs	yes	yes	yes	yes	yes	yes
Removed at v16.0	PK_PART_ask_attrib_owners	yes	yes	yes	yes	yes	yes
	PK_PART_ask_attribs_cb	yes	yes	yes	yes	yes	yes
Removed at v16.0	PK_PART_ask_attribs_filter	yes	yes	yes	yes	yes	yes
New at v33.1	PK_PART_ask_con_lattices	no	yes	no	yes	no	yes
	PK_PART_ask_construction_curves	yes	yes	yes	yes	yes	yes
	PK_PART_ask_construction_points	yes	yes	yes	yes	yes	yes
	PK_PART_ask_construction_surfs	yes	yes	yes	yes	yes	yes
	PK_PART_ask_geoms	yes	yes	yes	yes	yes	yes
	PK_PART_ask_groups	yes	yes	yes	yes	yes	yes
New at v31.0	PK_PART_ask_group_2	yes	yes	yes	yes	yes	yes
	PK_PART_ask_ref_instances	yes	yes	yes	yes	yes	yes

new at v28.1	PK_PART_delete_attribs	yes	yes	yes	yes	yes	yes
	PK_PART_find_entity_by_ident	yes	yes	yes	yes	yes	yes
	PK_PART_receive	yes	yes	yes	yes	yes	yes
	PK_PART_receive_b	yes	yes	yes	yes	yes	yes
	PK_PART_receive_meshes	no	yes	no	yes	no	yes
	PK_PART_receive_u	yes	yes	yes	yes	yes	yes
	PK_PART_receive_version	yes	yes	yes	yes	yes	yes
	PK_PART_receive_version_b	yes	yes	yes	yes	yes	yes
	PK_PART_receive_version_u	yes	yes	yes	yes	yes	yes
	PK_PART_rectify_identifiers	yes	yes	yes	yes	yes	yes
	PK_PART_remove_geoms	yes	yes	yes	yes	yes	yes
	PK_PART_transmit	yes	yes	yes	yes	yes	yes
	PK_PART_transmit_b	yes	yes	yes	yes	yes	yes
	PK_PART_transmit_u	yes	yes	yes	yes	yes	yes
PK_PARTITION							
new at v18.0	PK_PARTITION_advance_pmark	yes	yes	yes	yes	yes	yes
New at v35.0	PK_PARTITION_ask	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_appitems	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_assemblies	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_bodies	yes	yes	yes	yes	yes	yes
new at v29.1	PK_PARTITION_ask_cloning	no	no	no	no	yes	yes
new at v28.1	PK_PARTITION_ask_facet_geometry	no	yes	no	yes	no	yes
	PK_PARTITION_ask_geoms	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_initial_pmark	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_ki_lists	yes	yes	yes	yes	yes	yes
New at v35.0	PK_PARTITION_ask_pmark	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_pmark_size	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_pmarks	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_pmarks_2	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_transfs	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_type	yes	yes	yes	yes	yes	yes
new at v18.0	PK_PARTITION_clone_pmark	no	no	no	no	yes	yes
new at v29.1	PK_PARTITION_copy	yes	yes	yes	yes	yes	yes
New at v35.0	PK_PARTITION_create	yes	yes	yes	yes	yes	yes
	PK_PARTITION_create_empty	yes	yes	yes	yes	yes	yes
	PK_PARTITION_delete	yes	yes	yes	yes	yes	yes
	PK_PARTITION_find_pmark_by_id	yes	yes	yes	yes	yes	yes
new at v29.1	PK_PARTITION_is	yes	yes	yes	yes	yes	yes
	PK_PARTITION_is_clone	no	no	no	no	yes	yes
new at v20.0	PK_PARTITION_make_pmark	yes	yes	yes	yes	yes	yes
	PK_PARTITION_make_pmark_2	yes	yes	yes	yes	yes	yes
	PK_PARTITION_merge	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive	yes	yes	yes	yes	yes	yes
new at v28.1	PK_PARTITION_receive_b	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_deltas	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_deltas_2	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_meshes	no	yes	no	yes	no	yes
	PK_PARTITION_receive_u	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_version	yes	yes	yes	yes	yes	yes
New at v32.0	PK_PARTITION_receive_version_b	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_version_u	yes	yes	yes	yes	yes	yes
	PK_PARTITION_reset_attribs	no	no	no	no	yes	yes
	PK_PARTITION_set_current	yes	yes	yes	yes	yes	yes
new at v18.0	PK_PARTITION_set_type	yes	yes	yes	yes	yes	yes
new at v29.1	PK_PARTITION_start_cloning	no	no	no	no	yes	yes
new at v29.1	PK_PARTITION_stop_cloning	no	no	no	no	yes	yes
	PK_PARTITION_transmit	yes	yes	yes	yes	yes	yes
	PK_PARTITION_transmit_b	yes	yes	yes	yes	yes	yes
	PK_PARTITION_transmit_delta	yes	yes	yes	yes	yes	yes
new at v17.0	PK_PARTITION_transmit_u	yes	yes	yes	yes	yes	yes
PK_PLANE							
	PK_PLANE_ask	yes	yes	yes	yes	yes	yes
	PK_PLANE_create	yes	yes	yes	yes	yes	yes
PK_PLINE							
new at v28.1	PK_PLINE_ask	no	yes	no	yes	no	yes
new at v28.1	PK_PLINE_create	no	yes	no	yes	no	yes
PK_PMARK							
new at v21.0	PK_PMARK_ask_entities	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_following	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_identifier	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_marks	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_partition	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_preceding	yes	yes	yes	yes	yes	yes
	PK_PMARK_delete	yes	yes	yes	yes	yes	yes
	PK_PMARK_goto	yes	yes	yes	yes	yes	yes
	PK_PMARK_goto_2	yes	yes	yes	yes	yes	yes
	PK_PMARK_is	yes	yes	yes	yes	yes	yes
	PK_PMARK_is_used_by_mark	yes	yes	yes	yes	yes	yes
PK_POINT							
	PK_POINT_ask	yes	yes	yes	yes	yes	yes
	PK_POINT_ask_part	yes	yes	yes	yes	yes	yes
	PK_POINT_ask_vertex	yes	yes	yes	yes	yes	yes
	PK_POINT_create	yes	yes	yes	yes	yes	yes
	PK_POINT_make_helical_curve	yes	yes	yes	yes	yes	yes
	PK_POINT_make_minimum_body	yes	yes	yes	yes	yes	yes
PK_REGION							
	PK_REGION_ask_body	yes	yes	yes	yes	yes	yes
	PK_REGION_ask_regions_adjacent	yes	yes	yes	yes	yes	yes
	PK_REGION_ask_shells	yes	yes	yes	yes	yes	yes
	PK_REGION_combine_bodies	yes	yes	yes	yes	yes	yes
	PK_REGION_imprint_curve	yes	yes	yes	yes	yes	yes
	PK_REGION_imprint_point	yes	yes	yes	yes	yes	yes
	PK_REGION_is_solid	yes	yes	yes	yes	yes	yes
	PK_REGION_make_solid	yes	yes	yes	yes	yes	yes
	PK_REGION_make_void	yes	yes	yes	yes	yes	yes
PK_REPORT							
	PK_REPORT_add_records	yes	yes	yes	yes	yes	yes
	PK_REPORT_ask	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REPORT_clear	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REPORT_close	yes	yes	yes	yes	yes	yes
	PK_REPORT_create	yes	yes	yes	yes	yes	yes
	PK_REPORT_delete	yes	yes	yes	yes	yes	yes
	PK_REPORT_find	yes	yes	yes	yes	yes	yes

new at v21.0	PK_REPORT_is_open	yes	yes	yes	yes	yes	yes
	PK_REPORT_set_function	yes	yes	yes	yes	yes	yes
PK_SESSION							
new at v20.0	PK_SESSION_abort	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_angle_precision	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_applio	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_applio_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_attdefs	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_behaviour	yes	yes	yes	yes	yes	yes
new at v17.1	PK_SESSION_ask_binding	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_check_arguments	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_check_continuity	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_check_self_int	yes	yes	yes	yes	yes	yes
new at v18.0	PK_SESSION_ask_close_knots	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_curr_partition	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_err_reports	yes	yes	yes	yes	yes	yes
New at v33.0	PK_SESSION_ask_facet_geometry	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_ask_fru_2	yes	yes	yes	yes	yes	yes
new at v30.1	PK_SESSION_ask_frustrum	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_function	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_general_topology	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_indexio	no	no	no	no	yes	yes
new at v22.0	PK_SESSION_ask_journalling	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_kernel_version	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_latest_behaviour	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_mark	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_max_threads	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_memory_usage	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SESSION_ask_mesh_angle	no	yes	no	yes	no	yes
	PK_SESSION_ask_partitions	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_parts	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_precision	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_rebuild_history	no	no	yes	yes	yes	yes
New at v32.1	PK_SESSION_ask_schema_version	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_smp	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_smp_stacksize	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_software_option	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_swept_spun_surfs	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_tag_highest	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_tag_limit	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_tags_remaining	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_unicode	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_user_field_len	yes	yes	yes	yes	yes	yes
	PK_SESSION_comment	yes	yes	yes	yes	yes	yes
	PK_SESSION_is_in_kernel	yes	yes	yes	yes	yes	yes
	PK_SESSION_is_in_kernel_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_is_roll_forward_on	yes	yes	yes	yes	yes	yes
	PK_SESSION_is_rollback_on	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive_u	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive_version	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive_version_u	yes	yes	yes	yes	yes	yes
	PK_SESSION_register	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_register_applio	yes	yes	yes	yes	yes	yes
	PK_SESSION_register_applio_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_register_fru_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_register_frustrum	yes	yes	yes	yes	yes	yes
new at v22.0	PK_SESSION_register_indexio	no	no	no	no	yes	yes
new at v28.1	PK_SESSION_set_behavior	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_check_arguments	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_check_continuity	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_check_self_int	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_close_knots	yes	yes	yes	yes	yes	yes
new at v18.0	PK_SESSION_set_err_reports	yes	yes	yes	yes	yes	yes
New at v33.0	PK_SESSION_set_facet_geometry	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_set_general_topology	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_journalling	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_mesh_angle	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_set_rebuild_history	no	no	yes	yes	yes	yes
new at v28.1	PK_SESSION_set_roll_forward	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_smp	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_smp_stacksize	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_software_option	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_swept_spun_surfs	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_tag_limit	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_unicode	yes	yes	yes	yes	yes	yes
	PK_SESSION_start	yes	yes	yes	yes	yes	yes
	PK_SESSION_stop	yes	yes	yes	yes	yes	yes
	PK_SESSION_tidy	yes	yes	yes	yes	yes	yes
	PK_SESSION_transmit	yes	yes	yes	yes	yes	yes
	PK_SESSION_transmit_u	yes	yes	yes	yes	yes	yes
	PK_SESSION_watch_tags	yes	yes	yes	yes	yes	yes
PK_SHELL							
PK_SHELL	PK_SHELL_ask_acorn_vertex	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_body	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_oriented_faces	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_region	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_type	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_wireframe_edges	yes	yes	yes	yes	yes	yes
	PK_SHELL_find_sign	yes	yes	yes	yes	yes	yes
PK_SPCURVE							
PK_SPCURVE	PK_SPCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_SPCURVE_create	yes	yes	yes	yes	yes	yes
PK_SPHERE							
PK_SPHERE	PK_SPHERE_ask	yes	yes	yes	yes	yes	yes
	PK_SPHERE_create	yes	yes	yes	yes	yes	yes
	PK_SPHERE_make_solid_body	yes	yes	yes	yes	yes	yes
PK_SPUN							
PK_SPUN	PK_SPUN_ask	yes	yes	yes	yes	yes	yes
	PK_SPUN_create	yes	yes	yes	yes	yes	yes
PK_SURF							
PK_SURF	PK_SURF_ask_faces	yes	yes	yes	yes	yes	yes
	PK_SURF_ask_params	yes	yes	yes	yes	yes	yes

	PK_SURF_ask_part	yes	yes	yes	yes	yes	yes
	PK_SURF_ask_uvbox	yes	yes	yes	yes	yes	yes
	PK_SURF_create_blend	no	no	no	no	yes	yes
	PK_SURF_eval	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_curvature	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_curvature_handed	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_grid	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_handed	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_with_normal	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_with_normal_handed	yes	yes	yes	yes	yes	yes
	PK_SURF_extend	no	no	yes	yes	yes	yes
new at v28.1	PK_SURF_find_box	yes	yes	yes	yes	yes	yes
	PK_SURF_find_curves_common	yes	yes	yes	yes	yes	yes
new at 23.0	PK_SURF_find_degens	yes	yes	yes	yes	yes	yes
new at 23.0	PK_SURF_fix_degens	yes	yes	yes	yes	yes	yes
new at v17.0	PK_SURF_find_discontinuity	yes	yes	yes	yes	yes	yes
	PK_SURF_find_min_radii	yes	yes	yes	yes	yes	yes
	PK_SURF_find_non_aligned_box	yes	yes	yes	yes	yes	yes
New at 19.0	PK_SURF_find_self_int	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SURF_find_vectors	yes	yes	yes	yes	yes	yes
New at 19.1	PK_SURF_fix_self_int	yes	yes	yes	yes	yes	yes
	PK_SURF_intersect_curve	yes	yes	yes	yes	yes	yes
	PK_SURF_intersect_surf	yes	yes	yes	yes	yes	yes
	PK_SURF_make_bsurf	yes	yes	yes	yes	yes	yes
new at v18.1	PK_SURF_make_bsurf_2	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SURF_make_bsurf_array	yes	yes	yes	yes	yes	yes
new at 23.0	PK_SURF_make_curve_isoparam	yes	yes	yes	yes	yes	yes
	PK_SURF_make_curve_u_isoparam	yes	yes	yes	yes	yes	yes
	PK_SURF_make_curve_v_isoparam	yes	yes	yes	yes	yes	yes
	PK_SURF_make_curves_isocline	no	no	no	no	yes	yes
	PK_SURF_make_cus_isocline	no	no	no	no	yes	yes
	PK_SURF_make_sheet_body	yes	yes	yes	yes	yes	yes
	PK_SURF_make_sheet_trimmed	yes	yes	yes	yes	yes	yes
	PK_SURF_offset	yes	yes	yes	yes	yes	yes
	PK_SURF_parameterise_vector	yes	yes	yes	yes	yes	yes
PK_THREAD							
New at v33.0	PK_THREAD_ask_err_reports	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_ask_error_cbs	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_ask_exclusion	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_ask_function	yes	yes	yes	yes	yes	yes
New at v25.1	PK_THREAD_ask_function_run	yes	yes	yes	yes	yes	yes
New at v33.1	PK_THREAD_ask_id	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_ask_last_error	yes	yes	yes	yes	yes	yes
new at v29.1	PK_THREAD_ask_local_level	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_ask_memory_cbs	yes	yes	yes	yes	yes	yes
New at v32.1	PK_THREAD_ask_partitions	yes	yes	yes	yes	yes	yes
new at v24.0	PK_THREAD_chain_start	yes	yes	yes	yes	yes	yes
new at v24.0	PK_THREAD_chain_stop	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_clear_exclusion	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_clear_last_error	yes	yes	yes	yes	yes	yes
New at v26.0	PK_THREAD_is_in_chain	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_is_in_kernel	yes	yes	yes	yes	yes	yes
New at v32.1	PK_THREAD_lock_partitions	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_register_error_cbs	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_register_memory_cbs	yes	yes	yes	yes	yes	yes
New at v33.0	PK_THREAD_set_err_reports	yes	yes	yes	yes	yes	yes
New at v25.1	PK_THREAD_set_function_run	yes	yes	yes	yes	yes	yes
New at v33.1	PK_THREAD_set_id	yes	yes	yes	yes	yes	yes
new at v23.0	PK_THREAD_tidy	yes	yes	yes	yes	yes	yes
New at v32.1	PK_THREAD_unlock_partitions	yes	yes	yes	yes	yes	yes
PK_SWEPT							
	PK_SWEPT_ask	yes	yes	yes	yes	yes	yes
	PK_SWEPT_create	yes	yes	yes	yes	yes	yes
PK_TOPOL							
	PK_TOPOL_ask_entities_by_attdef	yes	yes	yes	yes	yes	yes
new at v28.1	PK_TOPOL_categorise_geom	no	yes	no	yes	no	yes
	PK_TOPOL_clash	yes	yes	yes	yes	yes	yes
	PK_TOPOL_delete_redundant	yes	yes	yes	yes	yes	yes
new at v22.0	PK_TOPOL_delete_redundant_2	yes	yes	yes	yes	yes	yes
	PK_TOPOL_detach_geom	yes	yes	yes	yes	yes	yes
	PK_TOPOL_eval_mass_props	yes	yes	yes	yes	yes	yes
	PK_TOPOL_facet	yes	yes	yes	yes	yes	yes
	PK_TOPOL_facet_2	yes	yes	yes	yes	yes	yes
	PK_TOPOL_find_box	yes	yes	yes	yes	yes	yes
New at v34.1	PK_TOPOL_find_box_2	yes	yes	yes	yes	yes	yes
new at v17.1	PK_TOPOL_find_nabox	yes	yes	yes	yes	yes	yes
new at v22.0	PK_TOPOL_identify_redundant	yes	yes	yes	yes	yes	yes
new at v31.1	PK_TOPOL_make_facet_topol	no	no	no	yes	no	yes
	PK_TOPOL_make_general_body	yes	yes	yes	yes	yes	yes
new at v24.1	PK_TOPOL_make_new	no	no	no	no	yes	yes
	PK_TOPOL_range	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_array	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_array_vector	yes	yes	yes	yes	yes	yes
new at v18.0	PK_TOPOL_range_geom	yes	yes	yes	yes	yes	yes
new at v18.0	PK_TOPOL_range_geom_array	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_local	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_local_vector	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_vector	yes	yes	yes	yes	yes	yes
	PK_TOPOL_remove_body_component	yes	yes	yes	yes	yes	yes
	PK_TOPOL_render_facet	yes	yes	yes	yes	yes	yes
	PK_TOPOL_render_line	yes	yes	yes	yes	yes	yes
PK_TORUS							
	PK_TORUS_ask	yes	yes	yes	yes	yes	yes
	PK_TORUS_create	yes	yes	yes	yes	yes	yes
	PK_TORUS_make_solid_body	yes	yes	yes	yes	yes	yes
PK_TRANSF							
	PK_TRANSF_ask	yes	yes	yes	yes	yes	yes
	PK_TRANSF_check	yes	yes	yes	yes	yes	yes
new at v25.1	PK_TRANSF_classify	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_equal_scale	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_reflection	yes	yes	yes	yes	yes	yes

new at v18.1 New at 19.1	PK_TRANSF_create_rotation	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_translation	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_view	yes	yes	yes	yes	yes	yes
	PK_TRANSF_is_equal	yes	yes	yes	yes	yes	yes
	PK_TRANSF_transform	yes	yes	yes	yes	yes	yes
New at v34.0	PK_TRANSF_transform_2	yes	yes	yes	yes	yes	yes
PK_TRCURVE							
	PK_TRCURVE_ask	yes	yes	yes	yes	yes	yes
PK_VECTOR							
	PK_VECTOR_is_equal	yes	yes	yes	yes	yes	yes
	PK_VECTOR_is_parallel	yes	yes	yes	yes	yes	yes
	PK_VECTOR_is_zero	yes	yes	yes	yes	yes	yes
	PK_VECTOR_make_lsq_plane	yes	yes	yes	yes	yes	yes
	PK_VECTOR_make_view_transf	yes	yes	yes	yes	yes	yes
	PK_VECTOR_normalise	yes	yes	yes	yes	yes	yes
	PK_VECTOR_perpendicular	yes	yes	yes	yes	yes	yes
	PK_VECTOR_transform	yes	yes	yes	yes	yes	yes
New at v32.0	PK_VECTOR_transform_direction	yes	yes	yes	yes	yes	yes
PK_VERTEX							
	PK_VERTEX_ask_body	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_faces	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_isolated_loops	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_oriented_edges	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_point	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_precision	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_shells	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_type	yes	yes	yes	yes	yes	yes
	PK_VERTEX_attach_points	yes	yes	yes	yes	yes	yes
	PK_VERTEX_delete_acorn	yes	yes	yes	yes	yes	yes
	PK_VERTEX_euler_delete	no	no	no	no	yes	yes
	PK_VERTEX_euler_merge_edges	no	no	no	no	yes	yes
	PK_VERTEX_euler_split	no	no	no	no	yes	yes
	PK_VERTEX_make_blend	no	no	no	no	yes	yes
Reassigned at v16.1	PK_VERTEX_optimise	no	no	yes	yes	yes	yes
	PK_VERTEX_remove_edge	yes	yes	yes	yes	yes	yes
	PK_VERTEX_set_precision	yes	yes	yes	yes	yes	yes
	PK_VERTEX_spin	no	no	yes	yes	yes	yes
	PK_VERTEX_sweep	no	no	yes	yes	yes	yes

Functions		Sales Packages					
Function Group	Function Name	COMMUNICATOR	COMMUNICATOR with CONVERGENT MODELING*	EDITOR	EDITOR with CONVERGENT MODELING*	DESIGNER	DESIGNER with CONVERGENT MODELING*
		*This spreadsheet indicates the function calls that are permitted using a license of the appropriate sales package. For information on which functions support facet geometry, please see the Parasolid Documentation					
new at v17.0	PK_BCURVE_combine	no	no	no	no	yes	yes
	PK_BCURVE_create_by_fitting	no	no	no	no	yes	yes
	PK_BCURVE_create_fitted	no	no	no	no	yes	yes
new at v20.0	PK_BCURVE_create_spline	no	no	no	no	yes	yes
	PK_BCURVE_create_spline_2	no	no	no	no	yes	yes
	PK_BCURVE_create_splineswise	no	no	no	no	yes	yes
new at v17.0	PK_BCURVE_join	no	no	no	no	yes	yes
	PK_BCURVE_lower_degree	no	no	no	no	yes	yes
	PK_BCURVE_make_bsurf_lofted	no	no	no	no	yes	yes
new at v17.0	PK_BCURVE_make_matched	no	no	no	no	yes	yes
	PK_BCURVE_raise_degree	no	no	no	no	yes	yes
	PK_BCURVE_remove_knots	no	no	no	no	yes	yes
new at v17.0	PK_BCURVE_reparameterise	no	no	no	no	yes	yes
	PK_BODY_boolean	no	no	no	no	yes	yes
	PK_BODY_boolean_2	no	no	no	no	yes	yes
new at v17.0	PK_BODY_embed_in_surf	no	no	no	no	yes	yes
	PK_BODY_emboss	no	no	no	no	yes	yes
	PK_BODY_extrude	no	no	no	no	yes	yes
new at v17.1	PK_BODY_fix_blends	no	no	no	no	yes	yes
	PK_BODY_hollow	no	no	no	no	yes	yes
	PK_BODY_hollow_2	no	no	no	no	yes	yes
new at v17.1	PK_BODY_make_lofted_body	no	no	no	no	yes	yes
	PK_BODY_make_swept_body	no	no	no	no	yes	yes
	PK_BODY_make_swept_body_2	no	no	no	no	yes	yes
new at v17.1	PK_BODY_make_swept_tool	no	no	no	no	yes	yes
	PK_BODY_offset	no	no	no	no	yes	yes
	PK_BODY_offset_2	no	no	no	no	yes	yes
new at v22.0	PK_BODY_offset_planar_wire	no	no	no	no	yes	yes
	PK_BODY_taper	no	no	no	no	yes	yes
	PK_BODY_thicken	no	no	no	no	yes	yes
New at 19.1	PK_BODY_thicken_2	no	no	no	no	yes	yes
	PK_BODY_thicken_3	no	no	no	no	yes	yes
	PK_BODY_trim_neutral_sheets	no	no	no	no	yes	yes
new at v17.0	PK_BODY_trim_neutral_sheets_2	no	no	no	no	yes	yes
	PK_BSURF_create_constrained	no	no	no	no	yes	yes
	PK_BSURF_create_fitted	no	no	no	no	yes	yes
new at v17.0	PK_BSURF_lower_degree	no	no	no	no	yes	yes
	PK_BSURF_raise_degree	no	no	no	no	yes	yes
	PK_BSURF_remove_knots	no	no	no	no	yes	yes
new at v17.0	PK_BSURF_reparameterise	no	no	no	no	yes	yes
	PK_CURVE_make_surf_isocline	no	no	no	no	yes	yes
	PK_EDGE_check_blends	no	no	no	no	yes	yes
new at v17.0	PK_EDGE_euler_close_zip	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_make_loop	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_ring_face	no	no	no	no	yes	yes
new at v17.0	PK_EDGE_euler_delete_ring_loop	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_with_face	no	no	no	no	yes	yes
	PK_EDGE_euler_delete_with_loop	no	no	no	no	yes	yes
new at v17.0	PK_EDGE_euler_merge_vertices	no	no	no	no	yes	yes
	PK_EDGE_euler_open_zip	no	no	no	no	yes	yes
	PK_EDGE_euler_slit	no	no	no	no	yes	yes
new at v17.0	PK_EDGE_euler_split	no	no	no	no	yes	yes
	PK_EDGE_find_blend_topol	no	no	no	no	yes	yes
	PK_EDGE_find_g1_edges	no	no	no	no	yes	yes
New at v25.0	PK_EDGE_make_curve	no	no	no	no	yes	yes
	PK_EDGE_offset_on_body	no	no	no	no	yes	yes
	PK_EDGE_set_blend_chain	no	no	no	no	yes	yes
New at v27.0	PK_EDGE_set_blend_chamfer	no	no	no	no	yes	yes
	PK_EDGE_set_blend_constant	no	no	no	no	yes	yes
	PK_EDGE_set_blend_variable	no	no	no	no	yes	yes
New at v24.1	PK_FACE_boolean	no	no	no	no	yes	yes
	PK_FACE_boolean_2	no	no	no	no	yes	yes
	PK_FACE_change	no	no	no	no	yes	yes
New at v24.1	PK_FACE_cover	no	no	no	no	yes	yes
	PK_FACE_emboss	no	no	no	no	yes	yes
	PK_FACE_euler_make_loop	no	no	no	no	yes	yes
New at v24.1	PK_FACE_euler_make_ring_face	no	no	no	no	yes	yes
	PK_FACE_euler_make_ring_loop	no	no	no	no	yes	yes
	PK_FACE_euler_unslit	no	no	no	no	yes	yes
New at v24.1	PK_FACE_hollow	no	no	no	no	yes	yes
	PK_FACE_hollow_2	no	no	no	no	yes	yes
	PK_FACE_hollow_3	no	no	no	no	yes	yes
New at v24.1	PK_FACE_imprint_curves_isocline	no	no	no	no	yes	yes
	PK_FACE_imprint_cus_isoclin	no	no	no	no	yes	yes
	PK_FACE_install_surfs_isocline	no	no	no	no	yes	yes
new at 23.0	PK_FACE_instance_bodies	no	no	no	no	yes	yes
	PK_FACE_instance_tools	no	no	no	no	yes	yes
	PK_FACE_make_3_face_blend	no	no	no	no	yes	yes
new at 22.1	PK_FACE_make_blend	no	no	no	no	yes	yes
	PK_FACE_make_neutral_sheet	no	no	no	no	yes	yes
	PK_FACE_make_neutral_sheet_2	no	no	no	no	yes	yes
new at 22.1	PK_FACE_offset	no	no	no	no	yes	yes
	PK_FACE_offset_2	no	no	no	no	yes	yes
	PK_FACE_pattern	no	no	no	no	yes	yes
New at 28.0	PK_FACE_reparameterise_surf	no	no	no	no	yes	yes
	PK_FACE_taper	no	no	no	no	yes	yes
	PK_FIN_euler_glue	no	no	no	no	yes	yes
New at 28.0	PK_LOOP_euler_create_edge	no	no	no	no	yes	yes
	PK_LOOP_euler_delete_isolated	no	no	no	no	yes	yes
	PK_LOOP_euler_delete_make_edge	no	no	no	no	yes	yes
New at 28.0	PK_LOOP_euler_make_edge	no	no	no	no	yes	yes
	PK_LOOP_euler_make_edge_face	no	no	no	no	yes	yes
	PK_LOOP_euler_make_edge_loop	no	no	no	no	yes	yes
New at 28.0	PK_LOOP_euler_transfer	no	no	no	no	yes	yes
	PK_PARTITION_ask_cloning	no	no	no	no	yes	yes
	PK_PARTITION_clone_pmark	no	no	no	no	yes	yes
new at v29.1	PK_PARTITION_is_clone	no	no	no	no	yes	yes
	PK_PARTITION_reset_attrbs	no	no	no	no	yes	yes
	PK_PARTITION_start_cloning	no	no	no	no	yes	yes
new at v29.1	PK_PARTITION_stop_cloning	no	no	no	no	yes	yes

new at v22.0	PK_SESSION_ask_indexio	no	no	no	no	yes	yes
new at v22.0	PK_SESSION_register_indexio	no	no	no	no	yes	yes
	PK_SURF_create_blend	no	no	no	no	yes	yes
	PK_SURF_make_curves_isocline	no	no	no	no	yes	yes
	PK_SURF_make_cus_isocline	no	no	no	no	yes	yes
new at v24.1	PK_TOPOL_make_new	no	no	no	no	yes	yes
	PK_VERTEX_euler_delete	no	no	no	no	yes	yes
	PK_VERTEX_euler_merge_edges	no	no	no	no	yes	yes
	PK_VERTEX_euler_split	no	no	no	no	yes	yes
	PK_VERTEX_make_blend	no	no	no	no	yes	yes
	PK_BB_ask	no	no	yes	yes	yes	yes
	PK_BB_ask_status	no	no	yes	yes	yes	yes
	PK_BB_create	no	no	yes	yes	yes	yes
	PK_BB_is	no	no	yes	yes	yes	yes
	PK_BB_is_empty	no	no	yes	yes	yes	yes
	PK_BB_output_events	no	no	yes	yes	yes	yes
	PK_BB_set_status	no	no	yes	yes	yes	yes
	PK_BCURVE_extend	no	no	yes	yes	yes	yes
	PK_BCURVE_spin	no	no	yes	yes	yes	yes
	PK_BCURVE_sweep	no	no	yes	yes	yes	yes
New at v35.0	PK_BODY_enlarge	no	no	yes	yes	yes	yes
	PK_BODY_extend	no	no	yes	yes	yes	yes
	PK_BODY_fill_hole	no	no	yes	yes	yes	yes
	PK_BODY_identify_details	no	no	yes	yes	yes	yes
	PK_BODY_identify_facesets	no	no	yes	yes	yes	yes
	PK_BODY_imprint_body	no	no	yes	yes	yes	yes
	PK_BODY_imprint_curve	no	no	yes	yes	yes	yes
	PK_BODY_imprint_curves_normal	no	no	yes	yes	yes	yes
	PK_BODY_imprint_curves_vector	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_normal	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_shadow	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_vec	no	no	yes	yes	yes	yes
	PK_BODY_imprint_cus_vector	no	no	yes	yes	yes	yes
	PK_BODY_imprint_faces	no	no	yes	yes	yes	yes
New at 23.1	PK_BODY_imprint_faces_2	no	no	yes	yes	yes	yes
	PK_BODY_imprint_plane	no	no	yes	yes	yes	yes
New at 24.0	PK_BODY_imprint_plane_2	no	no	yes	yes	yes	yes
	PK_BODY_intersect_bodies	no	no	yes	yes	yes	yes
	PK_BODY_make_curves_outline	no	no	yes	yes	yes	yes
New at v30.1	PK_BODY_make_persp_outline	no	no	yes	yes	yes	yes
	PK_BODY_make_spun_outline	no	no	yes	yes	yes	yes
	PK_BODY_spin	no	no	yes	yes	yes	yes
	PK_BODY_subtract_bodies	no	no	yes	yes	yes	yes
	PK_BODY_sweep	no	no	yes	yes	yes	yes
	PK_BODY_trim	no	no	yes	yes	yes	yes
	PK_BODY_trim_gap_analysis	no	no	yes	yes	yes	yes
New at v25.0	PK_BODY_unite_bodies	no	no	yes	yes	yes	yes
	PK_CURVE_project	no	no	yes	yes	yes	yes
new at v18.1	PK_EDGE_delete	no	no	yes	yes	yes	yes
	PK_EDGE_optimise	no	no	yes	yes	yes	yes
	PK_EDGE_remove_blend	no	no	yes	yes	yes	yes
New at 26.0	PK_EDGE_remove_to_bodies	no	no	yes	yes	yes	yes
	PK_FACE_classify_details	no	no	yes	yes	yes	yes
	PK_FACE_delete	no	no	yes	yes	yes	yes
new at v22.0	PK_FACE_delete_2	no	no	yes	yes	yes	yes
	PK_FACE_delete_blends	no	no	yes	yes	yes	yes
	PK_FACE_delete_facesets	no	no	yes	yes	yes	yes
	PK_FACE_delete_from_gen_body	no	no	yes	yes	yes	yes
	PK_FACE_delete_from_sheet	no	no	yes	yes	yes	yes
	PK_FACE_delete_from_sheet_body	no	no	yes	yes	yes	yes
New at 19.1	PK_FACE_find_blend_unders	no	no	yes	yes	yes	yes
	PK_FACE_identify_blends	no	no	yes	yes	yes	yes
	PK_FACE_imprint_curve	no	no	yes	yes	yes	yes
New at 27.1	PK_FACE_imprint_curves_2	no	no	yes	yes	yes	yes
	PK_FACE_imprint_cus_normal	no	no	yes	yes	yes	yes
	PK_FACE_imprint_cus_vec	no	no	yes	yes	yes	yes
	PK_FACE_imprint_cus_vector	no	no	yes	yes	yes	yes
	PK_FACE_imprint_faces	no	no	yes	yes	yes	yes
new at 22.1	PK_FACE_imprint_faces_2	no	no	yes	yes	yes	yes
	PK_FACE_remove_to_solid_bodies	no	no	yes	yes	yes	yes
	PK_FACE_replace_surfs	no	no	yes	yes	yes	yes
	PK_FACE_replace_surfs_2	no	no	yes	yes	yes	yes
	PK_FACE_replace_surfs_3	no	no	yes	yes	yes	yes
	PK_FACE_replace_with_sheet	no	no	yes	yes	yes	yes
	PK_FACE_spin	no	no	yes	yes	yes	yes
	PK_FACE_sweep	no	no	yes	yes	yes	yes
	PK_FACE_transform	no	no	yes	yes	yes	yes
	PK_FACE_transform_2	no	no	yes	yes	yes	yes
New at v35.0	PK_GEOM_enlarge	no	no	yes	yes	yes	yes
	PK_LOOP_delete_from_sheet_body	no	no	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_rebuild_history	no	no	yes	yes	yes	yes
new at v28.1	PK_SESSION_set_rebuild_history	no	no	yes	yes	yes	yes
	PK_SURF_extend	no	no	yes	yes	yes	yes
Reassigned at v16.1	PK_VERTEX_optimise	no	no	yes	yes	yes	yes
	PK_VERTEX_spin	no	no	yes	yes	yes	yes
	PK_VERTEX_sweep	no	no	yes	yes	yes	yes
	PK_APPITEM_ask	yes	yes	yes	yes	yes	yes
	PK_APPITEM_create	yes	yes	yes	yes	yes	yes
	PK_APPITEM_delete	yes	yes	yes	yes	yes	yes
	PK_APPITEM_is	yes	yes	yes	yes	yes	yes
new at 28.1	PK_APPITEM_reset_pointers	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_ask_instances	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_ask_parts	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_ask_parts_transfs	yes	yes	yes	yes	yes	yes
New at v35.0	PK_ASSEMBLY_check	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_create_empty	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_make_level_assembly	yes	yes	yes	yes	yes	yes
	PK_ASSEMBLY_transform	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask_2	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask_callback_flags	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_ask_callbacks	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_create	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_create_2	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_find	yes	yes	yes	yes	yes	yes
New at v31.0	PK_ATTDEF_is_group_closing	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_register_cb	yes	yes	yes	yes	yes	yes
	PK_ATTDEF_set_callback_flags	yes	yes	yes	yes	yes	yes

New at v31.0	PK_ATTDEF_set_group_closing	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_attdef	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_pointers	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_string	yes	yes	yes	yes	yes	yes
New at v30.1	PK_ATTRIB_ask_named_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_named_vectors	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_no_roll	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_axis	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_double	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_int	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_pointer	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_nth_vector	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_owner	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_pointers	yes	yes	yes	yes	yes	yes
new at v30.0	PK_ATTRIB_ask_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_ask_vectors	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_create_empty	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_ints	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_axes	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_doubles	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_ints	yes	yes	yes	yes	yes	yes
new at v17.0	PK_ATTRIB_set_named_pointers	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_named_vectors	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_no_roll	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_pointers	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_string	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_ustring	yes	yes	yes	yes	yes	yes
	PK_ATTRIB_set_vectors	yes	yes	yes	yes	yes	yes
	PK_BCURVE_add_knot	yes	yes	yes	yes	yes	yes
new at v18.0	PK_BCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_BCURVE_ask_knots	yes	yes	yes	yes	yes	yes
	PK_BCURVE_ask_pieewise	yes	yes	yes	yes	yes	yes
new at v18.0	PK_BCURVE_ask_splineswise	yes	yes	yes	yes	yes	yes
	PK_BCURVE_clamp_knots	yes	yes	yes	yes	yes	yes
	PK_BCURVE_create	yes	yes	yes	yes	yes	yes
New at 26.0	PK_BCURVE_create_pieewise	yes	yes	yes	yes	yes	yes
	PK_BCURVE_find_g1_discontinuity	yes	yes	yes	yes	yes	yes
	PK_BLENDSF_ask	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_add_to_compound	yes	yes	yes	yes	yes	yes
	PK_BODY_apply_knit_pattern	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_children	yes	yes	yes	yes	yes	yes
New at 19.1	PK_BODY_ask_components	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_curve_nmnl_state	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_edges	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_ask_faces	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_fins	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_first_edge	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_ask_first_face	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_loops	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_memory_usage	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_ask_parent	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_regions	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_shells	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_ask_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_type	yes	yes	yes	yes	yes	yes
	PK_BODY_ask_vertices	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_change_partition	yes	yes	yes	yes	yes	yes
	PK_BODY_check	yes	yes	yes	yes	yes	yes
	PK_BODY_contains_vector	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_copy_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_minimum_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_circle	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_create_sheet_planar	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_polygon	yes	yes	yes	yes	yes	yes
	PK_BODY_create_sheet_rectangle	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_create_sheet_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_block	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_cone	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_create_solid_cyl	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_prism	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_sphere	yes	yes	yes	yes	yes	yes
New at 25.0	PK_BODY_create_solid_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_create_solid_torus	yes	yes	yes	yes	yes	yes
	PK_BODY_create_topology	yes	yes	yes	yes	yes	yes
new at 23.1	PK_BODY_create_topology_2	yes	yes	yes	yes	yes	yes
	PK_BODY_create_wire_topology	yes	yes	yes	yes	yes	yes
	PK_BODY_disjoin	yes	yes	yes	yes	yes	yes
New at 19.0	PK_BODY_find_extreme	yes	yes	yes	yes	yes	yes
	PK_BODY_find_facesets	yes	yes	yes	yes	yes	yes
	PK_BODY_find_knit_pattern	yes	yes	yes	yes	yes	yes
New at 26.0	PK_BODY_find_laminar_edges	yes	yes	yes	yes	yes	yes
	PK_BODY_identify_general	yes	yes	yes	yes	yes	yes
	PK_BODY_knit	yes	yes	yes	yes	yes	yes
New at v25.0	PK_BODY_make_compound	yes	yes	yes	yes	yes	yes
	PK_BODY_make_manifold_bodies	yes	yes	yes	yes	yes	yes
	PK_BODY_make_section	yes	yes	yes	yes	yes	yes
new at 25.0	PK_BODY_make_section_with_surfs	yes	yes	yes	yes	yes	yes
	PK_BODY_pick_topols	yes	yes	yes	yes	yes	yes
	PK_BODY_remove_from_parents	yes	yes	yes	yes	yes	yes
new at 23.0	PK_BODY_repair_shells	yes	yes	yes	yes	yes	yes
	PK_BODY_reverse_orientation	yes	yes	yes	yes	yes	yes
	PK_BODY_section_with_sheet	yes	yes	yes	yes	yes	yes
new at v23.1	PK_BODY_section_with_sheet_2	yes	yes	yes	yes	yes	yes
	PK_BODY_section_with_surf	yes	yes	yes	yes	yes	yes
	PK_BODY_set_curve_nmnl_state	yes	yes	yes	yes	yes	yes
new at v23.1	PK_BODY_set_type	yes	yes	yes	yes	yes	yes
	PK_BODY_sew_bodies	yes	yes	yes	yes	yes	yes
	PK_BODY_share_geom	yes	yes	yes	yes	yes	yes

new at v17.0	PK_BODY_simplify_geom	yes	yes	yes	yes	yes	yes
	PK_BODY_transform	yes	yes	yes	yes	yes	yes
	PK_BODY_transform_2	yes	yes	yes	yes	yes	yes
	PK_BSURF_add_u_knot	yes	yes	yes	yes	yes	yes
	PK_BSURF_add_v_knot	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask_knots	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask_piecewise	yes	yes	yes	yes	yes	yes
	PK_BSURF_ask_splineswise	yes	yes	yes	yes	yes	yes
	PK_BSURF_clamp_knots	yes	yes	yes	yes	yes	yes
new at v18.0	PK_BSURF_create	yes	yes	yes	yes	yes	yes
	PK_BSURF_create_piecewise	yes	yes	yes	yes	yes	yes
	PK_BSURF_create_splineswise	yes	yes	yes	yes	yes	yes
	PK_BSURF_find_g1_discontinuity	yes	yes	yes	yes	yes	yes
	PK_BSURF_make_bcurve_u_isoparam	yes	yes	yes	yes	yes	yes
	PK_BSURF_make_bcurve_v_isoparam	yes	yes	yes	yes	yes	yes
	PK_CIRCLE_ask	yes	yes	yes	yes	yes	yes
	PK_CIRCLE_create	yes	yes	yes	yes	yes	yes
	PK_CLASS_ask_superclass	yes	yes	yes	yes	yes	yes
	PK_CLASS_is_subclass	yes	yes	yes	yes	yes	yes
	PK_CONE_ask	yes	yes	yes	yes	yes	yes
	PK_CONE_create	yes	yes	yes	yes	yes	yes
	PK_CONE_make_solid_body	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_edges	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_edges_nmnl	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_fin	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_interval	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_param	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_parm_different	yes	yes	yes	yes	yes	yes
	PK_CURVE_ask_part	yes	yes	yes	yes	yes	yes
new at v20.0	PK_CURVE_convert_parm_to_ki	yes	yes	yes	yes	yes	yes
	PK_CURVE_convert_parm_to_pk	yes	yes	yes	yes	yes	yes
	PK_CURVE_embed_in_surf	yes	yes	yes	yes	yes	yes
	PK_CURVE_embed_in_surf_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_curvature	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_curvature_handed	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_handed	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_with_tan_handed	yes	yes	yes	yes	yes	yes
	PK_CURVE_eval_with_tangent	yes	yes	yes	yes	yes	yes
new at v28.1	PK_CURVE_find_box	yes	yes	yes	yes	yes	yes
New at v24.1	PK_CURVE_find_degens	yes	yes	yes	yes	yes	yes
new at v17.0	PK_CURVE_find_discontinuity	yes	yes	yes	yes	yes	yes
New at 19.0	PK_CURVE_find_length	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_min_radius	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_non_aligned_box	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_self_int	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_surfs_common	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_vector_interval	yes	yes	yes	yes	yes	yes
	PK_CURVE_find_vectors	yes	yes	yes	yes	yes	yes
	PK_CURVE_fix_degens	yes	yes	yes	yes	yes	yes
	PK_CURVE_fix_self_int	yes	yes	yes	yes	yes	yes
	PK_CURVE_intersect_curve	yes	yes	yes	yes	yes	yes
New at v25.1	PK_CURVE_is_isoparam	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_approx	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_bcurve	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_bcurve_2	yes	yes	yes	yes	yes	yes
new at v24.0	PK_CURVE_make_bcurve_array	yes	yes	yes	yes	yes	yes
New at v31.0	PK_CURVE_make_curve_reversed	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_helical_surf	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_spcurves	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_spcurves_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_wire_body	yes	yes	yes	yes	yes	yes
	PK_CURVE_make_wire_body_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_output_vectors	yes	yes	yes	yes	yes	yes
	PK_CURVE_parameterise_vector	yes	yes	yes	yes	yes	yes
	PK_CURVE_spin	yes	yes	yes	yes	yes	yes
	PK_CURVE_spin_2	yes	yes	yes	yes	yes	yes
	PK_CURVE_sweep	yes	yes	yes	yes	yes	yes
	PK_CYL_ask	yes	yes	yes	yes	yes	yes
	PK_CYL_create	yes	yes	yes	yes	yes	yes
	PK_CYL_make_solid_body	yes	yes	yes	yes	yes	yes
	PK_DELTA_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_blend	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_body	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_convexity	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_curve	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_curve_nmnl	yes	yes	yes	yes	yes	yes
new at v18.1	PK_EDGE_ask_faces	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_fins	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_first_fin	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_geometry	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_geometry_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_next_in_body	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_oriented_curve	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_precision	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_shells	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_type	yes	yes	yes	yes	yes	yes
	PK_EDGE_ask_vertices	yes	yes	yes	yes	yes	yes
	PK_EDGE_attach_curve_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_attach_curves	yes	yes	yes	yes	yes	yes
	PK_EDGE_attach_curves_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_check	yes	yes	yes	yes	yes	yes
	PK_EDGE_contains_vector	yes	yes	yes	yes	yes	yes
	PK_EDGE_delete_wireframe	yes	yes	yes	yes	yes	yes
	PK_EDGE_detach_curve_nmnl	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_deviation	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_deviation_2	yes	yes	yes	yes	yes	yes
New at v24.1	PK_EDGE_find_end_tangents	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_extreme	yes	yes	yes	yes	yes	yes
	PK_EDGE_find_interval	yes	yes	yes	yes	yes	yes
	PK_EDGE_imprint_point	yes	yes	yes	yes	yes	yes
	PK_EDGE_is_planar	yes	yes	yes	yes	yes	yes
	PK_EDGE_is_smooth	yes	yes	yes	yes	yes	yes
	PK_EDGE_make_faces_from_wire	yes	yes	yes	yes	yes	yes
	PK_EDGE_make_wire_body	yes	yes	yes	yes	yes	yes
	PK_EDGE_propagate_orientation	yes	yes	yes	yes	yes	yes
	PK_EDGE_repair	yes	yes	yes	yes	yes	yes
	PK_EDGE_reset_precision	yes	yes	yes	yes	yes	yes

New at v25.0	PK_EDGE_reset_precision_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_reverse	yes	yes	yes	yes	yes	yes
New at v23.1	PK_EDGE_reverse_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_set_precision	yes	yes	yes	yes	yes	yes
New at v18.0	PK_EDGE_set_precision_2	yes	yes	yes	yes	yes	yes
	PK_EDGE_split_at_param	yes	yes	yes	yes	yes	yes
	PK_ELLIPSE_ask	yes	yes	yes	yes	yes	yes
	PK_ELLIPSE_create	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_attribs	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_class	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_description	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_first_attrib	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_identifier	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_owning_groups	yes	yes	yes	yes	yes	yes
New at v31.0	PK_ENTITY_ask_owning_groups_2	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_partition	yes	yes	yes	yes	yes	yes
	PK_ENTITY_ask_user_field	yes	yes	yes	yes	yes	yes
New at v25.0	PK_ENTITY_check_attribs	yes	yes	yes	yes	yes	yes
	PK_ENTITY_copy	yes	yes	yes	yes	yes	yes
New at v21.0	PK_ENTITY_copy_2	yes	yes	yes	yes	yes	yes
	PK_ENTITY_delete	yes	yes	yes	yes	yes	yes
	PK_ENTITY_delete_attribs	yes	yes	yes	yes	yes	yes
new at v29.0	PK_ENTITY_find_reparam	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_curve	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_geom	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_part	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_surf	yes	yes	yes	yes	yes	yes
	PK_ENTITY_is_topol	yes	yes	yes	yes	yes	yes
	PK_ENTITY_may_own_attdef	yes	yes	yes	yes	yes	yes
New at v33.0	PK_ENTITY_range	yes	yes	yes	yes	yes	yes
New at v33.0	PK_ENTITY_range_vector	yes	yes	yes	yes	yes	yes
	PK_ENTITY_set_user_field	yes	yes	yes	yes	yes	yes
	PK_ERROR_ask_callbacks	yes	yes	yes	yes	yes	yes
	PK_ERROR_ask_last	yes	yes	yes	yes	yes	yes
	PK_ERROR_clear_last	yes	yes	yes	yes	yes	yes
	PK_ERROR_raise	yes	yes	yes	yes	yes	yes
	PK_ERROR_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_ERROR_reraise	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_body	yes	yes	yes	yes	yes	yes
New at v24.1	PK_FACE_ask_edges	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_faces_adjacent	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_first_loop	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_loops	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_next_in_body	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_oriented_surf	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_shells	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_surf	yes	yes	yes	yes	yes	yes
	PK_FACE_ask_vertices	yes	yes	yes	yes	yes	yes
	PK_FACE_attach_surf_fitting	yes	yes	yes	yes	yes	yes
	PK_FACE_attach_surfs	yes	yes	yes	yes	yes	yes
	PK_FACE_check	yes	yes	yes	yes	yes	yes
	PK_FACE_check_pair	yes	yes	yes	yes	yes	yes
	PK_FACE_close_gaps	yes	yes	yes	yes	yes	yes
	PK_FACE_contains_vectors	yes	yes	yes	yes	yes	yes
	PK_FACE_find_edges_common	yes	yes	yes	yes	yes	yes
	PK_FACE_find_extreme	yes	yes	yes	yes	yes	yes
new at v24.0	PK_FACE_find_interior_vec	yes	yes	yes	yes	yes	yes
new at v18.1	PK_FACE_find_outer_loop	yes	yes	yes	yes	yes	yes
	PK_FACE_find_uvbox	yes	yes	yes	yes	yes	yes
	PK_FACE_imprint_point	yes	yes	yes	yes	yes	yes
	PK_FACE_intersect_curve	yes	yes	yes	yes	yes	yes
	PK_FACE_intersect_face	yes	yes	yes	yes	yes	yes
	PK_FACE_intersect_surf	yes	yes	yes	yes	yes	yes
	PK_FACE_is_coincident	yes	yes	yes	yes	yes	yes
	PK_FACE_is_periodic	yes	yes	yes	yes	yes	yes
new at v18.0	PK_FACE_is_uvbox	yes	yes	yes	yes	yes	yes
	PK_FACE_make_sect_with_sfs	yes	yes	yes	yes	yes	yes
	PK_FACE_make_sheet_bodies	yes	yes	yes	yes	yes	yes
	PK_FACE_make_sheet_body	yes	yes	yes	yes	yes	yes
	PK_FACE_make_solid_bodies	yes	yes	yes	yes	yes	yes
	PK_FACE_output_surf_trimmed	yes	yes	yes	yes	yes	yes
	PK_FACE_repair	yes	yes	yes	yes	yes	yes
New at v24.1	PK_FACE_reverse	yes	yes	yes	yes	yes	yes
	PK_FACE_section_with_sheet	yes	yes	yes	yes	yes	yes
	PK_FACE_section_with_sheet_2	yes	yes	yes	yes	yes	yes
	PK_FACE_set_approx	yes	yes	yes	yes	yes	yes
	PK_FACE_simplify_geom	yes	yes	yes	yes	yes	yes
	PK_FACE_split_at_param	yes	yes	yes	yes	yes	yes
	PK_FACE_unset_approx	yes	yes	yes	yes	yes	yes
	PK_FCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_FCURVE_create	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_body	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_curve	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_edge	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_face	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_geometry	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_loop	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_next_in_loop	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_next_of_edge	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_oriented_curve	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_previous_in_loop	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_previous_of_edge	yes	yes	yes	yes	yes	yes
	PK_FIN_ask_type	yes	yes	yes	yes	yes	yes
	PK_FIN_attach_curves	yes	yes	yes	yes	yes	yes
	PK_FIN_find_curve_parameter	yes	yes	yes	yes	yes	yes
	PK_FIN_find_interval	yes	yes	yes	yes	yes	yes
	PK_FIN_find_surf_parameters	yes	yes	yes	yes	yes	yes
	PK_FIN_find_uvbox	yes	yes	yes	yes	yes	yes
	PK_FIN_is_positive	yes	yes	yes	yes	yes	yes
	PK_FSURF_ask	yes	yes	yes	yes	yes	yes
	PK_FSURF_create	yes	yes	yes	yes	yes	yes
New at v25.1	PK_FUNCTION_find	yes	yes	yes	yes	yes	yes
	PK_GEOM_ask_dependents	yes	yes	yes	yes	yes	yes
	PK_GEOM_ask_geom_owners	yes	yes	yes	yes	yes	yes
	PK_GEOM_check	yes	yes	yes	yes	yes	yes
new at 23.1	PK_GEOM_copy	yes	yes	yes	yes	yes	yes
	PK_GEOM_delete_single	yes	yes	yes	yes	yes	yes
	PK_GEOM_is_coincident	yes	yes	yes	yes	yes	yes

	PK_GEOM_range	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_array	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_array_vector	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_local	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_local_vector	yes	yes	yes	yes	yes	yes
	PK_GEOM_range_vector	yes	yes	yes	yes	yes	yes
New at 19.1	PK_GEOM_range_vector_many	yes	yes	yes	yes	yes	yes
New at v32.1	PK_GEOM_render	yes	yes	yes	yes	yes	yes
	PK_GEOM_render_line	yes	yes	yes	yes	yes	yes
	PK_GEOM_transform	yes	yes	yes	yes	yes	yes
New at 19.1	PK_GEOM_transform_2	yes	yes	yes	yes	yes	yes
	PK_GROUP_add_entities	yes	yes	yes	yes	yes	yes
New at v31.0	PK_GROUP_ask_closure	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_entity_class	yes	yes	yes	yes	yes	yes
New at 19.0	PK_GROUP_ask_entity_label	yes	yes	yes	yes	yes	yes
	PK_GROUP_ask_part	yes	yes	yes	yes	yes	yes
	PK_GROUP_contains_entity	yes	yes	yes	yes	yes	yes
	PK_GROUP_create_from_entities	yes	yes	yes	yes	yes	yes
New at 27.1	PK_GROUP_create_from_entities_2	yes	yes	yes	yes	yes	yes
New at 19.0	PK_GROUP_find_entities	yes	yes	yes	yes	yes	yes
New at 19.0	PK_GROUP_find_entity_label	yes	yes	yes	yes	yes	yes
	PK_GROUP_merge_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_remove_entities	yes	yes	yes	yes	yes	yes
	PK_GROUP_set_entity_label	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_ask	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_change_part	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_create	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_replace_transf	yes	yes	yes	yes	yes	yes
	PK_INSTANCE_transform	yes	yes	yes	yes	yes	yes
	PK_LINE_ask	yes	yes	yes	yes	yes	yes
	PK_LINE_create	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_body	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_edges	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_face	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_fins	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_first_fin	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_next_in_face	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_type	yes	yes	yes	yes	yes	yes
	PK_LOOP_ask_vertices	yes	yes	yes	yes	yes	yes
	PK_LOOP_close_gaps	yes	yes	yes	yes	yes	yes
	PK_LOOP_is_isolated	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_following	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_forward	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_frustrum	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_pmarks	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_preceding	yes	yes	yes	yes	yes	yes
	PK_MARK_ask_state	yes	yes	yes	yes	yes	yes
	PK_MARK_create	yes	yes	yes	yes	yes	yes
	PK_MARK_delete	yes	yes	yes	yes	yes	yes
	PK_MARK_goto	yes	yes	yes	yes	yes	yes
	PK_MARK_is	yes	yes	yes	yes	yes	yes
	PK_MARK_is_on	yes	yes	yes	yes	yes	yes
	PK_MARK_start	yes	yes	yes	yes	yes	yes
	PK_MARK_stop	yes	yes	yes	yes	yes	yes
	PK_MEMORY_alloc	yes	yes	yes	yes	yes	yes
	PK_MEMORY_ask_block_size	yes	yes	yes	yes	yes	yes
	PK_MEMORY_ask_callbacks	yes	yes	yes	yes	yes	yes
	PK_MEMORY_free	yes	yes	yes	yes	yes	yes
	PK_MEMORY_register_callbacks	yes	yes	yes	yes	yes	yes
	PK_MEMORY_set_block_size	yes	yes	yes	yes	yes	yes
	PK_OFFSET_ask	yes	yes	yes	yes	yes	yes
	PK_OFFSET_create	yes	yes	yes	yes	yes	yes
	PK_PART_add_geoms	yes	yes	yes	yes	yes	yes
	PK_PART_ask_all_atdefs	yes	yes	yes	yes	yes	yes
	PK_PART_ask_all_attribs	yes	yes	yes	yes	yes	yes
Removed at v16.0	PK_PART_ask_attrib_owners	yes	yes	yes	yes	yes	yes
	PK_PART_ask_attribs_cb	yes	yes	yes	yes	yes	yes
Removed at v16.0	PK_PART_ask_attribs_filter	yes	yes	yes	yes	yes	yes
	PK_PART_ask_construction_curves	yes	yes	yes	yes	yes	yes
	PK_PART_ask_construction_points	yes	yes	yes	yes	yes	yes
	PK_PART_ask_construction_surfs	yes	yes	yes	yes	yes	yes
	PK_PART_ask_geoms	yes	yes	yes	yes	yes	yes
	PK_PART_ask_groups	yes	yes	yes	yes	yes	yes
New at v31.0	PK_PART_ask_groups_2	yes	yes	yes	yes	yes	yes
	PK_PART_ask_ref_instances	yes	yes	yes	yes	yes	yes
	PK_PART_delete_attribs	yes	yes	yes	yes	yes	yes
	PK_PART_find_entity_by_ident	yes	yes	yes	yes	yes	yes
	PK_PART_receive	yes	yes	yes	yes	yes	yes
	PK_PART_receive_b	yes	yes	yes	yes	yes	yes
	PK_PART_receive_u	yes	yes	yes	yes	yes	yes
	PK_PART_receive_version	yes	yes	yes	yes	yes	yes
	PK_PART_receive_version_b	yes	yes	yes	yes	yes	yes
	PK_PART_receive_version_u	yes	yes	yes	yes	yes	yes
	PK_PART_rectify_identifiers	yes	yes	yes	yes	yes	yes
	PK_PART_remove_geoms	yes	yes	yes	yes	yes	yes
	PK_PART_transmit	yes	yes	yes	yes	yes	yes
	PK_PART_transmit_b	yes	yes	yes	yes	yes	yes
	PK_PART_transmit_u	yes	yes	yes	yes	yes	yes
new at v18.0	PK_PARTITION_advance_pmark	yes	yes	yes	yes	yes	yes
New at v35.0	PK_PARTITION_ask	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_appitems	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_assemblies	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_bodies	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_geoms	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_initial_pmark	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_ki_lists	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_pmark	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_pmark_size	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_pmarks	yes	yes	yes	yes	yes	yes
New at v35.0	PK_PARTITION_ask_pmarks_2	yes	yes	yes	yes	yes	yes
	PK_PARTITION_ask_transfs	yes	yes	yes	yes	yes	yes
new at v18.0	PK_PARTITION_ask_type	yes	yes	yes	yes	yes	yes
new at v17.0	PK_PARTITION_copy	yes	yes	yes	yes	yes	yes
New at v35.0	PK_PARTITION_create	yes	yes	yes	yes	yes	yes
	PK_PARTITION_create_empty	yes	yes	yes	yes	yes	yes
	PK_PARTITION_delete	yes	yes	yes	yes	yes	yes
	PK_PARTITION_find_pmark_by_id	yes	yes	yes	yes	yes	yes
	PK_PARTITION_is	yes	yes	yes	yes	yes	yes

new at v20.0	PK_PARTITION_make_pmark	yes	yes	yes	yes	yes	yes
	PK_PARTITION_make_pmark_2	yes	yes	yes	yes	yes	yes
	PK_PARTITION_merge	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_b	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_deltas	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_deltas_2	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_u	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_version	yes	yes	yes	yes	yes	yes
	PK_PARTITION_receive_version_b	yes	yes	yes	yes	yes	yes
new at v18.0	PK_PARTITION_receive_version_u	yes	yes	yes	yes	yes	yes
	PK_PARTITION_set_current	yes	yes	yes	yes	yes	yes
	PK_PARTITION_set_type	yes	yes	yes	yes	yes	yes
new at v17.0	PK_PARTITION_transmit	yes	yes	yes	yes	yes	yes
	PK_PARTITION_transmit_b	yes	yes	yes	yes	yes	yes
	PK_PARTITION_transmit_delta	yes	yes	yes	yes	yes	yes
new at v21.0	PK_PARTITION_transmit_u	yes	yes	yes	yes	yes	yes
	PK_PLANE_ask	yes	yes	yes	yes	yes	yes
	PK_PLANE_create	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_entities	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_following	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_identifier	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_marks	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_partition	yes	yes	yes	yes	yes	yes
	PK_PMARK_ask_preceding	yes	yes	yes	yes	yes	yes
	PK_PMARK_delete	yes	yes	yes	yes	yes	yes
new at v21.0	PK_PMARK_goto	yes	yes	yes	yes	yes	yes
	PK_PMARK_goto_2	yes	yes	yes	yes	yes	yes
	PK_PMARK_is	yes	yes	yes	yes	yes	yes
	PK_PMARK_is_used_by_mark	yes	yes	yes	yes	yes	yes
	PK_POINT_ask	yes	yes	yes	yes	yes	yes
	PK_POINT_ask_part	yes	yes	yes	yes	yes	yes
	PK_POINT_ask_vertex	yes	yes	yes	yes	yes	yes
	PK_POINT_create	yes	yes	yes	yes	yes	yes
	PK_POINT_make_helical_curve	yes	yes	yes	yes	yes	yes
	PK_POINT_make_minimum_body	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REGION_ask_body	yes	yes	yes	yes	yes	yes
	PK_REGION_ask_regions_adjacent	yes	yes	yes	yes	yes	yes
	PK_REGION_ask_shells	yes	yes	yes	yes	yes	yes
	PK_REGION_combine_bodies	yes	yes	yes	yes	yes	yes
	PK_REGION_imprint_curve	yes	yes	yes	yes	yes	yes
	PK_REGION_imprint_point	yes	yes	yes	yes	yes	yes
	PK_REGION_is_solid	yes	yes	yes	yes	yes	yes
	PK_REGION_make_solid	yes	yes	yes	yes	yes	yes
	PK_REGION_make_void	yes	yes	yes	yes	yes	yes
	PK_REPORT_add_records	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REPORT_ask	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REPORT_clear	yes	yes	yes	yes	yes	yes
	PK_REPORT_close	yes	yes	yes	yes	yes	yes
	PK_REPORT_create	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REPORT_delete	yes	yes	yes	yes	yes	yes
	PK_REPORT_find	yes	yes	yes	yes	yes	yes
	PK_REPORT_is_open	yes	yes	yes	yes	yes	yes
new at v21.0	PK_REPORT_set_function	yes	yes	yes	yes	yes	yes
	PK_SESSION_abort	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_angle_precision	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_ask_applio	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_applio_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_attdefs	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_behaviour	yes	yes	yes	yes	yes	yes
new at v17.1	PK_SESSION_ask_binding	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_check_arguments	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_check_continuity	yes	yes	yes	yes	yes	yes
new at v18.0	PK_SESSION_ask_check_self_int	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_close_knots	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_curr_partition	yes	yes	yes	yes	yes	yes
New at v33.0	PK_SESSION_ask_err_reports	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SESSION_ask_fru_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_frustrum	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_function	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_general_topology	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_journalling	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_kernel_version	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_ask_latest_behaviour	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_mark	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_max_threads	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SESSION_ask_memory_usage	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_partitions	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_parts	yes	yes	yes	yes	yes	yes
New at v32.1	PK_SESSION_ask_precision	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_schema_version	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_smp	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_ask_smp_stacksize	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_software_option	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_swept_spun_surfs	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_ask_tag_highest	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_tag_limit	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_tags_remaining	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_ask_unicode	yes	yes	yes	yes	yes	yes
	PK_SESSION_ask_user_field_len	yes	yes	yes	yes	yes	yes
	PK_SESSION_comment	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_is_in_kernel	yes	yes	yes	yes	yes	yes
	PK_SESSION_is_in_kernel_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_is_roll_forward_on	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_is_rollback_on	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive_u	yes	yes	yes	yes	yes	yes
new at v20.0	PK_SESSION_receive_version	yes	yes	yes	yes	yes	yes
	PK_SESSION_receive_version_u	yes	yes	yes	yes	yes	yes
	PK_SESSION_register	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SESSION_register_applio	yes	yes	yes	yes	yes	yes
	PK_SESSION_register_applio_2	yes	yes	yes	yes	yes	yes
	PK_SESSION_register_fru_2	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SESSION_register_frustrum	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_behavior	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_check_arguments	yes	yes	yes	yes	yes	yes
new at v18.0	PK_SESSION_set_check_continuity	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_check_self_int	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_close_knots	yes	yes	yes	yes	yes	yes

New at v33.0	PK_SESSION_set_err_reports	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_general_topology	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_journalling	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_roll_forward	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_smp	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_smp_stacksize	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_software_option	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_swept_spun_surfs	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_tag_limit	yes	yes	yes	yes	yes	yes
	PK_SESSION_set_unicode	yes	yes	yes	yes	yes	yes
	PK_SESSION_start	yes	yes	yes	yes	yes	yes
	PK_SESSION_stop	yes	yes	yes	yes	yes	yes
	PK_SESSION_tidy	yes	yes	yes	yes	yes	yes
	PK_SESSION_transmit	yes	yes	yes	yes	yes	yes
	PK_SESSION_transmit_u	yes	yes	yes	yes	yes	yes
	PK_SESSION_watch_tags	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_acorn_vertex	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_body	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_oriented_faces	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_region	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_type	yes	yes	yes	yes	yes	yes
	PK_SHELL_ask_wireframe_edges	yes	yes	yes	yes	yes	yes
	PK_SHELL_find_sign	yes	yes	yes	yes	yes	yes
	PK_SPCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_SPCURVE_create	yes	yes	yes	yes	yes	yes
	PK_SPHERE_ask	yes	yes	yes	yes	yes	yes
	PK_SPHERE_create	yes	yes	yes	yes	yes	yes
	PK_SPHERE_make_solid_body	yes	yes	yes	yes	yes	yes
	PK_SPUN_ask	yes	yes	yes	yes	yes	yes
	PK_SPUN_create	yes	yes	yes	yes	yes	yes
	PK_SURF_ask_faces	yes	yes	yes	yes	yes	yes
	PK_SURF_ask_params	yes	yes	yes	yes	yes	yes
	PK_SURF_ask_part	yes	yes	yes	yes	yes	yes
	PK_SURF_ask_uvbox	yes	yes	yes	yes	yes	yes
	PK_SURF_eval	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_curvature	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_curvature_handed	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_grid	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_handed	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_with_normal	yes	yes	yes	yes	yes	yes
	PK_SURF_eval_with_normal_handed	yes	yes	yes	yes	yes	yes
new at v28.1	PK_SURF_find_box	yes	yes	yes	yes	yes	yes
	PK_SURF_find_curves_common	yes	yes	yes	yes	yes	yes
new at 23.0	PK_SURF_find_degens	yes	yes	yes	yes	yes	yes
new at v17.0	PK_SURF_find_discontinuity	yes	yes	yes	yes	yes	yes
	PK_SURF_find_min_radii	yes	yes	yes	yes	yes	yes
	PK_SURF_find_non_aligned_box	yes	yes	yes	yes	yes	yes
New at 19.0	PK_SURF_find_self_int	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SURF_find_vectors	yes	yes	yes	yes	yes	yes
new at 23.0	PK_SURF_fix_degens	yes	yes	yes	yes	yes	yes
New at 19.1	PK_SURF_fix_self_int	yes	yes	yes	yes	yes	yes
	PK_SURF_intersect_curve	yes	yes	yes	yes	yes	yes
	PK_SURF_intersect_surf	yes	yes	yes	yes	yes	yes
	PK_SURF_make_bsurf	yes	yes	yes	yes	yes	yes
new at v18.1	PK_SURF_make_bsurf_2	yes	yes	yes	yes	yes	yes
New at v30.1	PK_SURF_make_bsurf_array	yes	yes	yes	yes	yes	yes
new at 23.0	PK_SURF_make_curve_isoparam	yes	yes	yes	yes	yes	yes
	PK_SURF_make_curve_u_isoparam	yes	yes	yes	yes	yes	yes
	PK_SURF_make_curve_v_isoparam	yes	yes	yes	yes	yes	yes
	PK_SURF_make_sheet_body	yes	yes	yes	yes	yes	yes
	PK_SURF_make_sheet_trimmed	yes	yes	yes	yes	yes	yes
	PK_SURF_offset	yes	yes	yes	yes	yes	yes
	PK_SURF_parameterise_vector	yes	yes	yes	yes	yes	yes
	PK_SWEPT_ask	yes	yes	yes	yes	yes	yes
	PK_SWEPT_create	yes	yes	yes	yes	yes	yes
New at v33.0	PK_THREAD_ask_err_reports	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_ask_error_cbs	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_ask_exclusion	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_ask_function	yes	yes	yes	yes	yes	yes
New at v25.1	PK_THREAD_ask_function_run	yes	yes	yes	yes	yes	yes
New at v33.1	PK_THREAD_ask_id	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_ask_last_error	yes	yes	yes	yes	yes	yes
new at v29.1	PK_THREAD_ask_local_level	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_ask_memory_cbs	yes	yes	yes	yes	yes	yes
New at v32.1	PK_THREAD_ask_partitions	yes	yes	yes	yes	yes	yes
new at 24.0	PK_THREAD_chain_start	yes	yes	yes	yes	yes	yes
new at 24.0	PK_THREAD_chain_stop	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_clear_exclusion	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_clear_last_error	yes	yes	yes	yes	yes	yes
New at 26.0	PK_THREAD_is_in_chain	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_is_in_kernel	yes	yes	yes	yes	yes	yes
New at v32.1	PK_THREAD_lock_partitions	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_register_error_cbs	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_register_memory_cbs	yes	yes	yes	yes	yes	yes
New at v33.0	PK_THREAD_set_err_reports	yes	yes	yes	yes	yes	yes
New at v25.1	PK_THREAD_set_function_run	yes	yes	yes	yes	yes	yes
New at v33.1	PK_THREAD_set_id	yes	yes	yes	yes	yes	yes
new at 23.0	PK_THREAD_tidy	yes	yes	yes	yes	yes	yes
New at v32.1	PK_THREAD_unlock_partitions	yes	yes	yes	yes	yes	yes
	PK_TOPOL_ask_entities_by_attdef	yes	yes	yes	yes	yes	yes
	PK_TOPOL_clash	yes	yes	yes	yes	yes	yes
	PK_TOPOL_delete_redundant	yes	yes	yes	yes	yes	yes
new at v22.0	PK_TOPOL_delete_redundant_2	yes	yes	yes	yes	yes	yes
	PK_TOPOL_detach_geom	yes	yes	yes	yes	yes	yes
	PK_TOPOL_eval_mass_props	yes	yes	yes	yes	yes	yes
	PK_TOPOL_facet	yes	yes	yes	yes	yes	yes
	PK_TOPOL_facet_2	yes	yes	yes	yes	yes	yes
	PK_TOPOL_find_box	yes	yes	yes	yes	yes	yes
New at v34.1	PK_TOPOL_find_box_2	yes	yes	yes	yes	yes	yes
new at v17.1	PK_TOPOL_find_nabox	yes	yes	yes	yes	yes	yes
new at v22.0	PK_TOPOL_identify_redundant	yes	yes	yes	yes	yes	yes
	PK_TOPOL_make_general_body	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_array	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_array_vector	yes	yes	yes	yes	yes	yes
new at v18.0	PK_TOPOL_range_geom	yes	yes	yes	yes	yes	yes
new at v18.0	PK_TOPOL_range_geom_array	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_local	yes	yes	yes	yes	yes	yes
	PK_TOPOL_range_local_vector	yes	yes	yes	yes	yes	yes

New at v25.1	PK_TOPOL_range_vector	yes	yes	yes	yes	yes	yes
	PK_TOPOL_remove_body_component	yes	yes	yes	yes	yes	yes
	PK_TOPOL_render_facet	yes	yes	yes	yes	yes	yes
	PK_TOPOL_render_line	yes	yes	yes	yes	yes	yes
	PK_TORUS_ask	yes	yes	yes	yes	yes	yes
	PK_TORUS_create	yes	yes	yes	yes	yes	yes
	PK_TORUS_make_solid_body	yes	yes	yes	yes	yes	yes
	PK_TRANSF_ask	yes	yes	yes	yes	yes	yes
	PK_TRANSF_check	yes	yes	yes	yes	yes	yes
	PK_TRANSF_classify	yes	yes	yes	yes	yes	yes
new at v18.1	PK_TRANSF_create	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_equal_scale	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_reflection	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_rotation	yes	yes	yes	yes	yes	yes
	PK_TRANSF_create_translation	yes	yes	yes	yes	yes	yes
New at 19.1	PK_TRANSF_create_view	yes	yes	yes	yes	yes	yes
New at v34.0	PK_TRANSF_is_equal	yes	yes	yes	yes	yes	yes
	PK_TRANSF_transform	yes	yes	yes	yes	yes	yes
	PK_TRANSF_transform_2	yes	yes	yes	yes	yes	yes
	PK_TRCURVE_ask	yes	yes	yes	yes	yes	yes
	PK_VECTOR_is_equal	yes	yes	yes	yes	yes	yes
New at v32.0	PK_VECTOR_is_parallel	yes	yes	yes	yes	yes	yes
	PK_VECTOR_is_zero	yes	yes	yes	yes	yes	yes
	PK_VECTOR_make_lsq_plane	yes	yes	yes	yes	yes	yes
	PK_VECTOR_make_view_transf	yes	yes	yes	yes	yes	yes
	PK_VECTOR_normalise	yes	yes	yes	yes	yes	yes
	PK_VECTOR_perpendicular	yes	yes	yes	yes	yes	yes
	PK_VECTOR_transform	yes	yes	yes	yes	yes	yes
	PK_VECTOR_transform_direction	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_body	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_faces	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_isolated_loops	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_oriented_edges	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_point	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_precision	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_shells	yes	yes	yes	yes	yes	yes
	PK_VERTEX_ask_type	yes	yes	yes	yes	yes	yes
	PK_VERTEX_attach_points	yes	yes	yes	yes	yes	yes
	PK_VERTEX_delete_acorn	yes	yes	yes	yes	yes	yes
	PK_VERTEX_remove_edge	yes	yes	yes	yes	yes	yes
	PK_VERTEX_set_precision	yes	yes	yes	yes	yes	yes
New at v35.0	PK_BODY_make_patterned	no	no	no	yes	no	yes
New at v33.0	PK_FACE_fix_mesh_defects	no	no	no	yes	no	yes
New at v33.1	PK_LATTICE_clip	no	no	no	yes	no	yes
New at v35.0	PK_LATTICE_make_patterned	no	no	no	yes	no	yes
new at v28.1	PK_MESH_fill_holes	no	no	no	yes	no	yes
new at v28.1	PK_MESH_find_defects	no	no	no	yes	no	yes
new at v28.1	PK_MESH_fix_defects	no	no	no	yes	no	yes
new at v30.0	PK_MESH_make_surf_trimmed	no	no	no	yes	no	yes
New at v31.1	PK_TOPOL_make_facet_topol	no	no	no	yes	no	yes
new at v28.1	PK_BODY_make_facet_body	no	yes	no	yes	no	yes
New at v31.0	PK_FIN_find_mtopols	no	yes	no	yes	no	yes
new at v28.1	PK_GEOM_ask_geom_category	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_ask_n_lballs	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_ask_n_lrods	no	yes	no	yes	no	yes
New at v33.1	PK_LATTICE_ask_part	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_create_by_graph	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_do_for_all_lballs	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_do_for_all_lrods	no	yes	no	yes	no	yes
New at v34.1	PK_LATTICE_find_box	no	yes	no	yes	no	yes
New at v35.0	PK_LATTICE_find_nabox	no	yes	no	yes	no	yes
New at v32.1	PK_LATTICE_make_bodies	no	yes	no	yes	no	yes
New at v35.0	PK_LBALL_ask_blend	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_lballs_adj	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_lrods	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_position	no	yes	no	yes	no	yes
New at v32.1	PK_LBALL_ask_radius	no	yes	no	yes	no	yes
New at v33.0	PK_LROD_ask_geometry	no	yes	no	yes	no	yes
New at v32.1	PK_LROD_ask_lballs	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_ask_box	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_ask_class	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_is	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_is_null_m	no	yes	no	yes	no	yes
New at v32.1	PK_LTOPOL_null_m	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_ask_n_mfacets	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_ask_n_mvertices	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_ask_normal_type	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_create_from_facets	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_discard_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_do_for_all_mfacets	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_do_for_all_mvertices	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_eval_with_mtopol	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_find_laminar_mfins	no	yes	no	yes	no	yes
New at v30.1	PK_MESH_find_sharp_mfins	no	yes	no	yes	no	yes
new at v29.1	PK_MESH_find_sharp_mvxs	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_has_unique_normals	no	yes	no	yes	no	yes
New at v31.1	PK_MESH_imprint_vectors	no	yes	no	yes	no	yes
New at v34.1	PK_MESH_is_loaded	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_make_bodies	no	yes	no	yes	no	yes
new at v28.1	PK_MESH_store_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mfacet_adjacent	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mfin	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mvertices	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_mvz_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_normal	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_ask_positions	no	yes	no	yes	no	yes
new at v30.0	PK_MFACET_find_perimeters	no	yes	no	yes	no	yes
new at v28.1	PK_MFACET_parameterise_vec	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mfacet	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mfin_adjacent	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mfin_index	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mvertex	no	yes	no	yes	no	yes
new at v29.0	PK_MFIN_ask_mvz_curvatures	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_mvz_normal	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_next_in_mfacet	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_next_of_mvertex	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_previous_in_mfacet	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_ask_previous_of_mvertex	no	yes	no	yes	no	yes
new at v28.1	PK_MFIN_is_laminar	no	yes	no	yes	no	yes

new at v28.1	PK_MFIN_is_same_mfacet	no	yes	no	yes	no	yes
New at v30.1	PK_MFIN_is_sharp	no	yes	no	yes	no	yes
new at v28.1	PK_MTOPOL_ask_box	no	yes	no	yes	no	yes
new at v28.1	PK_MTOPOL_ask_class	no	yes	no	yes	no	yes
new at v28.1	PK_MTOPOL_is	no	yes	no	yes	no	yes
new at v29.0	PK_MTOPOL_make_meshes	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_mfacets	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_mfin	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_mvertices_ring	no	yes	no	yes	no	yes
new at v29.1	PK_MVERTEX_ask_normals	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_ask_position	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_is_laminar	no	yes	no	yes	no	yes
new at v28.1	PK_MVERTEX_set_positions	no	yes	no	yes	no	yes
New at v33.1	PK_PART_ask_con_lattices	no	yes	no	yes	no	yes
new at v28.1	PK_PART_receive_meshes	no	yes	no	yes	no	yes
new at v28.1	PK_PARTITION_ask_facet_geometry	no	yes	no	yes	no	yes
new at v28.1	PK_PARTITION_receive_meshes	no	yes	no	yes	no	yes
new at v28.1	PK_PLINE_ask	no	yes	no	yes	no	yes
new at v28.1	PK_PLINE_create	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_ask_facet_geometry	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_ask_mesh_angle	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_set_facet_geometry	no	yes	no	yes	no	yes
new at v28.1	PK_SESSION_set_mesh_angle	no	yes	no	yes	no	yes
New at v28.1	PK_TOPOL_categorise_geom	no	yes	no	yes	no	yes