

Appendix D.

APIs with Journal Support

Topic:

ACIS Journal

This appendix provides the list of all APIs that support journaling.

Cmp	Function	Scheme Extension
WARP	api_bend_entity	entity:bend
	api_bend_to_curve_entity	entity:bend-to-curve
	api_bulge_entity	entity:bulge
	api_simplify_face	entity:simplify
	api_space_warp	law:warp
	api_stretch_entity	entity:stretch
	api_twist_entity	entity:twist

Cmp	Function	Scheme Extension
SWP	api_offset_planar_face_loops	face:offset-loops
	api_project_wire	project:wire
	api_sweep_with_options	sweep:law
	api_sweep_with_options	sweep:law
	api_sweep_with_options	sweep:law
	api_sweep_with_options	sweep:law

Cmp	Function	Scheme Extension
SKIN	api_add_guide_curve_si	slinterface:skin-guide
	api_add_mapping_curve_sli	slinterface:mapping-curve
	api_add_vertex_sli	slinterface:add-vertex
	api_align_wires_sli	slinterface:align-wires

	api_breakup_wires_sli	slinterface:breakup-wires
	api_build_body_sli	slinterface:build-body
	api_build_edges_sli	slinterface:build-edges
	api_build_faces_sli	slinterface:build-faces
	api_clear_guide_curves_sli	slinterface:clear-guide-curves
	api_collapse_wires_sli	slinterface:collapse-wires
	api_create_li	slinterface:lofting
		slinterface:face-lofting
	api_create_si	slinterface:skinning
		slinterface:skinning-draft
		slinterface:skinning-ruled
		slinterface:skinning-normal
		slinterface:skinning-vectors
	api_delete_sli	slinterface:delete-interface
	api_estimate_min_rad_curvature_skin	slinterface:min-rad
	api_estimate_tangent_factor_scale_li	slinterface:get-tanfac-scale
	api_get_tangent_factors_li	slinterface:get-tangent-factors
	api_loft_coedges	sheet:loft-wires, skin:recreate
	api_loft_coedges	sheet:loft-wires
	api_loft_faces	solid:loft-faces
	api_lose_surface_conditions	slinterface:lose-surface
	api_make_mapping_curves_sli	slinterface:show-mapping-curves
	api_make_wires_sli	slinterface:wires
	api_minimize_twist_wires_sli	slinterface:minimizetwist-wires
	api_move_vertex_sli	slinterface:modify-vertex
	api_net_wires	sheet:net-wires
	api_reenter_coedges_li	slinterface:reenter-coedges
	api_remove_mapping_curve_sli	slinterface:remove-mapping-curve
	api_remove_vertex_sli	slinterface:remove-vertex

	api_set_options_li	slinterface:lofting-options
	api_set_options_si	slinterface:skinning-options
	api_set_tangent_factors_li	slinterface:set-tan-facs
	api_show_guides_si	slinterface:show-guide-curves
	api_simplify_wires_sli	slinterface:simplify-wires
	api_skin_faces	solid:skin-faces
	api_skin_wires	sheet:skin-wires
		sheet:skin-wires-normal
		sheet:skin-wires-vectors
		sheet:skin-wires-branch
		sheet:skin-wires-draft
		sheet:skin-wires-ruled
		sheet:s
	api_start_vertex_sli	slinterface:set-start-vertex
	api_valid_start_vertices_sli	slinterface:get-valid-vertices

Cmp	Function	Scheme Extension
BOOL	api_boolean	bool:unite
		bool:subtract
		bool:intersect
	api_imprint	solid:imprint
	api_planar_slice	solid:planar-slice
	api_boolean_chop_body	bool:chop
	api_clean_entity	bool:merge
	api_convert_to_spline	entity:spline-convert
	api_intersect	solid:intersect
	api_join_edges	bool:join-edges
	api_regularise_entity	bool:regularise
	api_remove_no_merge_attrib	edge:remove-no-merge-attrib
	api_set_no_merge_attrib	edge:set-no-merge-attrib

	api_slice	solid:slice
	api_slice_of_model	bool:clip
	api_subtract	solid:subtract
	api_uncover_face	face:uncover, api_uncover_face
	api_unite	solid:unite
	api_unite_wires	bool:unite-wires
	api_remove_face	face:remove
	api_imprint_stitch	solid:imprint-stitch
		bool:complete-imprint-stitch
	api_merge_faces	bool:merge-faces
	api_selectively_imprint	bool:sel-imprint
	api_split_face	face:split
	api_split_edges_at_poles	solid:split-edges-at-poles
	api_split_periodic_faces	solid:split
	api_stitch	solid:stitch, api_stitch
	api_unhook_wire_edge	solid:unhook-wire-edge
	api_remove_wire_edge	solid:remove-wire-edge
	api_fafa_int	face:intersect
	api_unhook_face	face:unhook
		api_unhook_face
	api_unstitch_nonmani	solid:unstitch-nm
	api_clean_wire	wire:clean
		solid:slice
		face:intersect
	api_boolean_start	bool:start
	api_update_intersection	bool:update-intersection
	api_selectively_intersect	bool:sel-intersect
	api_imprint_stitch_complete	bool:complete-imprint-stitch
	api_imprint_complete	bool:complete-imprint
	api_boolean_complete	bool:complete

	api_boolean_glue	glue:unite
		glue:subtract
		glue:intersect
	api_check_entity_ff_ints	solid:check-ff-intersections

Cmp	Function	Scheme Extension
SBOOL	api_selective_boolean_stage1	bool:select1
	api_selective_boolean_stage2	bool:select2
	api_selective_boolean_stage2	bool:select2
	api_create_graph_from_cells	graph
	api_create_graph_from_faces	graph
	api_create_graph_from_edges	graph
	api_boolean_tube_body	bool:tube
	api_subset_graph_with_plane	graph:subset-with-plane
	api_subgraph_2dcell	graph:subgraph-2dcell
	api_subgraph_3dcell	graph:subgraph-3dcell
	api_selective_unite	bool:sel-unite

Cmp	Function	Scheme Extension
BLND	api_set_const_chamfers	blend:chamfer-on-edge
		blend:entities
		blend:chamfer
	api_complete_blends	blend:complete
	api_set_const_rounds	blend:const-rad-on-edge
		blend:entities
		blend:round
	api_delete_blends	blend:delete
	api_set_vblend	blend:entities
		blend:vertex
	api_set_vblend_auto	blend:entities
		blend:vertex

	api_set_vblend_autoblend	blend:entities
		blend:vertex
	api_blend_graph	blend:get-network
		blend:round
		blend:var-round
		blend:chamfer
		blend:chamfer
		blend:fix
		blend:sheet
	api_smooth_edge_seq	blend:get-smooth-edges
		blend:entities
		blend:round
		blend:var-round
		blend:chamfer
		blend:enquire
	api_make_blend_cross_curve	blend:make-cross-curve
	api_make_blend_wire	blend:make-wire
		blend:wire
	api_fix_blends	blend:network
		blend:entities
		blend:round
		blend:var-round
		blend:chamfer
	api_make_blend_sheet	blend:sheet
	api_smooth_edges_to_curve	blend:smooth-edges-to-curve
		blend:var-rad-on-edge
		blend:entities
		blend:var-round
	api_do_one_blend_ss	blend:ss-sheet
	api_set_var_blends	blend:var-rad-on-edge

		blend:entities
		blend:var-round
	api_blend_edges	solid:blend-edges
	api_chamfer_edges	solid:chamfer-edges
	api_chamfer_vertex	solid:chamfer-vertex
	api_chamfer_vertex	solid:chamfer-vertex
	api_chamfer_vertices	solid:chamfer-vertices
	api_make_flat_on_faces	solid:flat-on-face

Cmp	Function	Scheme Extension
ABL	api_abh_chamfer_edges	solid:var-chamfer-edges
	api_abh_edge_offset	abl:abh-edge-offset
	api_abh_edge_project	abl:abh-edge-project
	api_abh_imprint	abl:abh-edge-imprint
	api_abh_slice	abl:abh-edge-slice
	api_abh_vblend	abl:var-round
	api_abh_vblend	abl:var-round
	api_blend_edges_pos_rad	solid:blend-edges-pos-rads
	api_make_radius_constant	abl:const-rad
	api_make_radius_fixed_width	abl:fixed-width-rad
	api_make_radius_param_rads	abl:make-radius-param-rads
	api_make_radius_param_rads_tan	abl:make-radius-param-rads-tan
	api_make_radius_pos_rads	abl:pos-rad
	api_make_radius_pos_rads	abl:pos-rad
	api_make_radius_rnd_chamfer	abl:rnd-ch-rad
	api_make_radius_rot_ellipse	abl:ell-rad
	api_make_radius_spline_rad	abl:spline-rad
	api_make_radius_two_ends	abl:two-ends-rad
	api_set_abh_blends	abl:set-abh-blends
	api_set_ee_cr_blend	abl:ent-ent-blend

	api_set_ee_vr_blend	abl:ent-ent-blend
	api_set_inst_blend	abl:set-instruction

Cmp	Function	Scheme Extension
SHL	api_hollow_body	shell:hollow-body
	api_hollow_body_specific	shell:hollow-body-specific
	api_sheet_thicken	shell:sheet-thicken

Cmp	Function	Scheme Extension
APFILL	api_pfill_circuit	apfill:cover-circuit
	api_pfill_circuits	apfill:cover-circuits
	api_pfill_find_circuit	apfill:find-circuit

Cmp	Function	Scheme Extension
PHLV5	api_phlv5_compute	phlv5:compute
	api_phlv5_clean	phlv5:clean
	api_phlv5_retrieve	phlv5:retrieve

Cmp	Function	Scheme Extension
LOP	api_convert_pipes	lop:convert-pipes
	api_convert_pipes	lop:convert-pipes
	api_edge_taper_faces	lop:edges-taper-faces
	api_move_faces	lop:move-faces
		lop:rotate-faces
	api_offset_body	lop:offset-body
	api_offset_faces	lop:offset-faces
	api_offset_faces_make_sheet	lop:offset-make-sheet
	api_offset_faces_specific	lop:offset-specific
	api_remove_lop_attribs	lop:remove-attributes
	api_shadow_taper_faces	lop:shadow-taper-faces
	api_sweep_more	lop:sweep-more
	api_taper_faces	lop:taper-faces

	api_tweak_extend_faces	lop:tweak-faces-extend
	api_tweak_faces	lop:tweak-faces-extend
		lop:tweak-faces
	api_tweak_faces_init	lop:tweak-faces-init

Cmp	Function	Scheme Extension
REM	api_remove_faces	rem:remove-faces

Cmp	Function	Scheme Extension
FCT	api_get_facet_edge_points	entity:facets
	api_get_entity_refinement	entity:refinement
	api_set_entity_refinement	entity:set-refinement
	api_fast_find_face	face:find
	api_set_default_refinement	refinement:set-default

Cmp	Function	Scheme Extension
INTR	api_intersect_curves	curve:intersect
	api_edge_convexity_param	edge:convexity
	api_check_entity	entity:check
	api_entity_entity_distance	entity:dist
	api_entity_extrema	entity:extrema
	api_entity_extrema	entity:extrema
	api_set_entity_pattern	entity:pattern
	api_set_entity_pattern	entity:pattern
	api_entity_point_distance	entity:point-distance
	api_entity_entity_touch	entity:touch
	api_create_boundary_field	law:boundary-fields
	api_create_boundary_field	law:boundary-fields
	api_create_boundary_field	law:boundary-fields
	api_create_boundary_field	law:boundary-fields
	api_point_in_body	solid:classify-point

	api_ray_test_body	solid:ray-test
	api_check_wire_self_inters	wire-body:self-intersect?
	api_check_wire_self_inters	wire-body:self-intersect?

Cmp	Function	Scheme Extension
STITCH	api_stitch	entity:stitch

Cmp	Function	Scheme Extension
HEAL	api_hh_stitch_auto	hh:autoheal
	api_hh_stitch_auto	hh:stitch