

Appendix A.

Reference Summary

Topic: Ignore

This appendix provides a summary of the reference items defined in the Generic Attributes Component. Just the name and a brief description of each item is given. There is a separate section for each type of item (class, function, Scheme extension, test harness command, etc.).

Classes

Topic:	Ignore
ATTRIB_GENERIC	Organization base attribute class for the Generic Attributes Component.
ATTRIB_GEN_ENTITY	Defines a generic attribute that owns an entity.
ATTRIB_GEN_INTEGER	Defines a generic attribute that contains an integer value.
ATTRIB_GEN_NAME	Defines a named attribute for the Generic Attributes Component.
ATTRIB_GEN_POINTER	Defines a generic attribute that contains a reference to an entity.
ATTRIB_GEN_POSITION	Defines a generic attribute that contains a position.
ATTRIB_GEN_REAL	Defines a generic attribute that contains a real value.
ATTRIB_GEN_STRING	Defines a generic attribute that contains a string value.
ATTRIB_GEN_VECTOR	Defines a generic attribute that contains a vector.



NAMED_ATTRIB Obsolete: use ATTRIB_GEN_NAME instead.

NAMED_INT_ATTRIB Obsolete: use ATTRIB_GEN_INTEGER instead.

NAMED_LOGICAL_ATTRIB Obsolete: use ATTRIB_GEN_INTEGER instead.

NAMED_POS_ATTRIB Obsolete: use ATTRIB_GEN_POSITION instead.

NAMED_REAL_ATTRIB Obsolete: use ATTRIB_GEN_REAL instead.

NAMED_STRING_ATTRIB Obsolete: use ATTRIB_GEN_STRING instead.

NAMED_VEC_ATTRIB Obsolete: use ATTRIB_GEN_VECTOR instead.

Enumerations

Topic:	Ignore	
copy_action		Text specifies what to do with elements involved in a copy.
merge_action		Text specifies how merging is performed.
split_action		Text specifies what to do with elements involved in a split.
trans_action		Text specifies what to do with elements involved in a transform.

Functions

Topic:	Ignore	
api_add_generic_named_attribute		Creates a new generic named attribute owned by the given entity.
api_find_named_attribute		Finds the next named attribute with the same name.
api_initialize_generic_attributes		Initializes the generic attributes library.
api_remove_generic_named_attribute	...	Removes a named attribute attached to an entity.

api_terminate_generic_attributes Terminates the generic attributes library.

is_ATTRIB_GENERIC Determines if an ENTITY is an
ATTRIB_GENERIC .

is_ATTRIB_GEN_ENTITY Determines if an ENTITY is an
ATTRIB_GEN_ENTITY .

is_ATTRIB_GEN_INTEGER Determines if an ENTITY is an
ATTRIB_GEN_INTEGER .

is_ATTRIB_GEN_NAME Determines if an ENTITY is an
ATTRIB_GEN_NAME .

is_ATTRIB_GEN_POINTER Determines if an ENTITY is an
ATTRIB_GEN_POINTER .

is_ATTRIB_GEN_POSITION Determines if an ENTITY is an
ATTRIB_GEN_POSITION .

is_ATTRIB_GEN_REAL Determines if an ENTITY is an
ATTRIB_GEN_REAL .

is_ATTRIB_GEN_STRING Determines if an ENTITY is an
ATTRIB_GEN_STRING .

is_ATTRIB_GEN_VECTOR Determines if an ENTITY is an
ATTRIB_GEN_VECTOR .

is_NAMED_ATTRIB Determines if an ENTITY is a
NAMED_ATTRIB .

is_NAMED_INT_ATTRIB Determines if an ENTITY is a
NAMED_INT_ATTRIB .

is_NAMED_LOGICAL_ATTRIB Determines if an ENTITY is a
NAMED_LOGICAL_ATTRIB .

is_NAMED_POS_ATTRIB Determines if an ENTITY is a
NAMED_POS_ATTRIB .

is_NAMED_REAL_ATTRIB Determines if an ENTITY is a
NAMED_REAL_ATTRIB .

is_NAMED_STRING_ATTRIB Determines if an ENTITY is a
NAMED_STRING_ATTRIB .

is_NAMED_VEC_ATTRIB Determines if an ENTITY is a
NAMED_VEC_ATTRIB .

Scheme Extensions

Topic:	Ignore
attrib:add	Adds an attribute to an entity or a list of entities.
attrib:get	Gets the attributes attached to a given entity.
attrib:remove	Deletes an attribute from an entity or list of entities.
attrib:replace	Replaces all attributes on an entity or list of entities of a given name.
generic:add	Adds a generic attribute to an entity or list of entities.
generic:get	Gets the value of a named generic attribute attached to an entity.
generic:remove	Removes the name of a generic attribute attached to each entity in the list.