

EvaluationCriteriaOptions

Enumerator	Description	Notes
VALUE	Data elements whose values are required to match the corresponding value in the test case specification	
PRESENT	Data elements that are required to be present, but whose values cannot be checked	
REFERENCE	Data elements whose values are required to match the name of the object that corresponds to the object that is named in the test case specification	

TestOutcomeOptions

Enumerator	Description	Notes
MATCH	the required type of alignment (value, present, or reference) between the expected ruleset project description file and the ruleset project description file created by the candidate ruleset project description generation software is achieved	
DIFFER	the required type of alignment (value, present, or reference) between the expected ruleset project description file and the ruleset project description file created by the candidate ruleset project description generation software is not achieved	
NOT_IMPLEMENTED	the data element is not supported by the ruleset project description generation software	

RulesetProjectDescriptionGenerationSoftwareTestReport

Name	Description	Data Type	Units	Range	Req	Notes
generation_software_name	Name of the ruleset project description generation software	String				
generation_software_version	Version of the ruleset project description generation software	String				Version naming/numbering convention is not defined
modeling_software_name	Name of the building performance modeling software used in testing	String				
modeling_software_version	Version of the building performance modeling software used in testing	String				Version naming/numbering convention as defined by the modeling software

Name	Description	Data Type	Units	Range	Req	Notes
<code>schema_version</code>	Version of the ruleset evaluation schema used in testing	<code>String</code>				Version naming/numbering convention as defined by the schema
<code>ruleset_name</code>	Name of the ruleset for which compliance is demonstrated	<code>String</code>				
<code>ruleset_checking_specification_name</code>	Name of the ruleset checking specification for which compliance is demonstrated	<code>String</code>				
<code>test_case_reports</code>	Results of the test cases	<code>[{TestCaseReport}]</code>				

TestCaseReport

Name	Description	Data Type	Units	Range	Req	Notes
<code>test_id</code>	ID corresponding to the ruleset checking specification test ID	<code>String</code>				
<code>generated_file_name</code>	Name of the ruleset project description file generated by the ruleset project description generation software	<code>String</code>				
<code>files_utilized</code>	Names of all user and software created files utilized by the ruleset project description generation software to produce the values used in creating the associated ruleset project description	<code>[String]</code>				
<code>specification_tests</code>	Specification tests of the test case	<code>[{SpecificationTest}]</code>				

SpecificationTest

Name	Description	Data Type	Units	Range	Req	Notes
<code>data_path</code>	Data path to locate instances of the test specification within the test case	<code>String</code>				
<code>evaluation_criteria</code>	Evaluation criteria used for the test specification	<code><EvaluationCriteriaOptions></code>				
<code>test_results</code>	Test results for various instances of the test specification within the test case	<code>[{TestResult}]</code>				
<code>notes</code>	Notes on the test results for the test specification	<code>String</code>				

TestResult

Name	Description	Data Type	Units	Range	Req	Notes
<code>generated_instance_id</code>	ID corresponding to the instance of the data group in the generated ruleset project description file to which the test specification data element belongs	<code>String</code>				
<code>reference_instance_id</code>	ID corresponding to the instance of the data group in the reference ruleset project description file to which the test specification data element belongs	<code>String</code>				
<code>data_element</code>	Data element name corresponding to the test specification	<code>String</code>				
<code>test_outcome</code>	Outcome of the test	<code><TestOutcomeOptions></code>				