OutcomeOptions

Enumerator	Description	Notes
`PASS`	Pass	
`FAIL`	Fail	
`NOT_APPLICABLE`	Not applicable	
`UNDETERMINED`	Undetermined	

EvaluationTypeOptions

Enumerator	Description	Notes
`FULL`	Full Evaluation	
`APPLICABILITY`	Applicability Evaluation	

RulesetCheckingToolSoftwareOutputReport

Name	Description	Data Type	Units	Range	Req	Notes
`title`	Title of software output report from Ruleset Checking Tool	`String`				Existing template value shows- RULESET CHECKING TOOL
`purpose`	Reason for the report	`String`				Existing template value shows- RCT Ruleset Software Testing Report
`tool_name`	Name of the ruleset checking tool that produced the data file	`String`				
`tool_version`	Versions number of the ruleset checking tool that produced the data file	`String`				Generally a version number for the software such as 1.0.2

Name	Description	Data Type	Units	Range	Req	Notes
ruleset	References output that correspond to specific simulation model.	String			✓	Existing template value shows- ASHRAE 90.1-2019 Performance Rating Method (Appendix G)
date_run	Time stamp for the output report	Timestamp			✓	This does not seem exactly like a TimeStamp data type but close. Existing template value shows- 2023-03-16T14:45:33-05:00
schema_version	Version of the schema corresponding to the tests.	String			✓	Existing template value shows- 0.0.23
rules_tests	List of rule that is being evaluated	[{RuleTest}]			✓	

RuleTest

Name	Description	Data Type	Units	Range	Req	Notes
rule_id	The identification of the specific rule	String			✓	Existing template value shows- 5-5
test_id	The identification of the test case for the specific rule	String			✓	Existing template value shows- a
test_description	Textual description of the test for the rule	String				Existing template value shows- Description of rule: Building is located in climate zone 4A and includes a space that has residential occupancy type and is conditioned based on heating capacity of the HVAC system that servies the parent zone. The baseline roof U-factor for the space is established correctly.
ruleset_section	Section reference from the ruleset	String				Existing template value shows- Table G3.1(5) Baseline Building Performance (b)
ruleset_section_title	Title of the section referenced from the ruleset	String				Existing template value shows- Envelope
evaluation_type	Indicator if full evaluated rule	<EvaluationTypeOptions>				
rule_unit_test_outcome_agreement	True if the expected and actual agree	Boolean			✓	Existing template value shows- false

Name	Description	Data Type	Units	Range	Req	Notes
expected_rule_unit_test_evaluation_outcome	Expected outcome	<OutcomeOptions>			✓	Existing template value shows- PASS
actual_rule_unit_test_evaluation_outcome	Expected outcome	<OutcomeOptions>				Existing template value shows- UNDETERMINED
rule_unit_test_evaluations	List of evalations perfomed	[{Evaluation}]			✓	Existing template value shows-

Evaluation

Name	Description	Data Type	Units	Range	Req	Notes
data_group_id	The ID of the data group being evaluated	String			✓	The ID of any type of data group. Existing template value shows- Surface 1
messages	List of messages from evaluation	[String]				Existing template value shows- message
evaluation_outcome	Expected outcome	<OutcomeOptions>			✓	Existing template value shows- PASS
calculated_values	a list of calculated values from the evaluation	[{CalculatedValue}]				Used to help understand and debug rule evaulation

CalculatedValue

Name	Description	Data Type	Units	Range	Req	Notes
variable	Variable	String				Existing template value shows- roof_u_factor
value	Value	(Numeric, Boolean, String)				Existing template value shows- 0.063
unit	Units	String				Existing template value shows- Btu/(hr$ft2$R)
source	The source of the value	String				The source of the value which may be that is a from one or more models, from the ruleset, or an expected value. If from a model the strings should represent the enumeration values for RulesetModelDescription.type in the 229 Ruleset Evaluation Schema. For 90.1 Appendix G would be USER, PROPOSED, BASELINE_0, BASELINE_90, BASELINE_180, BASELINE_270.