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
`ruleset`	References output that correspond to specific simulation model.	`String`			✓	Existing template value shows- ASHRAE 90.1-2019 Performance Rating Method (Appendix G)

Name	Description	Data Type	Units	Range	Req	Notes
`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
`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.