Tests for test selection process:

Test of top level selection.

For certain level/version selection some tags will be disabled.

Select each LV selection and check that the appropriate items have been disabled.

Level 1 Version 2
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When this is selected the following should be disabled:

Components tags	Test tags
FunctionDefinition	2-D compartments
InitialAssignment	1-D compartments
Events with delays	0-D compartments
Events without delays	Species using initial concentration
	Species with 'hasOnlySubstanceUnits'
	Species declared as constant
	Use of formulas in stoichiometries
	Use of csymbol 'time'

Level 2 Version 1
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When this is selected the following should be disabled:

Components tags	Test tags
InitialAssignment	

Tests for component selection

Selecting certain component tags should automatically select other (dependent) items.

Select the component tag and check that the items listed are selected. Reset form after each test. Note these should be tested for each Level/Version selection but that any disabled fields should not get selected.

Component selected	Disables other tags	
	Component tags	**Test tags**
Parameter		Varying parameter values
Reactions		'Fast' reactions Reversible reactions Stoichiometries not 1 Use of formulas in stoichiometries Local parameters in reactions
Species	Reactions	Tags as for Reactions Species using initial amounts Species using initial concentrations Species with 'hasOnlySubstanceUnits' Species as boundary conditions Species declared as constant
Compartments	Species Reaction	Tags as for Species Tags as for Reactions 2-D compartments 1-D compartments 0-D compartments Varying size compartments Compartments with size not 1 Multiple compartments

Check that selecting any other component tag alone does not preselect anything else.

Tests for test tags selection

There are no dependencies between test tags. Thus selecting any test tag should not preselect any other.

It is worth checking this.

Combinations

Selecting certain combinations of component tags should automatically select other (dependent) items or indeed exclude all possibilities.

These are fairly specific and so detailed separately:

1) Selecting all four component tags Compartments, Species, Reactions and Parameters should produce a message saying there will be no models.

2) For Level 1 Version 2 selecting all three component tags Assignments rules, Rate rules and Algebraic rules should preselect the test tags: Varying-size compartments; Varying parameter values

3) For Level 1 Version 2 selecting all four component tags Assignments rules, Rate rules, Algebraic rules and Reactions should produce a message saying there are no models. . This should be the case regardless of whether Compartment, Species and Parameters are selected or not.

4) For Level 2 all versions selecting all five component tags Assignments rules, Rate rules, Algebraic rules, Events with delays, Events with no delays should preselect the test tags: Varying-size compartments; Varying parameter values

5) For Level 2 all versions selecting all six component tags Assignments rules, Rate rules, Algebraic rules, Events with delays, Events with no delays and Reactions should produce a message saying there are no models. This should be the case regardless of whether Compartment, Species and Parameters are selected or not.