# Definitions

* State Definition: xml that specifies State Instantiations
* State Instantiation (Sub State): Usage of a state as a sub state in a State Definition
* Statechart Group: Multiple State Definitions, in a folder structure
* Transition: Transition between two sub states.

# Statechart Group

* Name
* Description
* Folder Tree that contains State Definitions (xml)
* Subfolders are used for semantic grouping of State Definitions
* Folder Tree should represent the tree structure of the State Instantiations, but this is up to the user and not enforced by the editor. This is due to the reusability of State Definitions.

# State Definition

A state is defined by multiple elements:

* Name = Filename
* Description
* Path to file?, relative to group
* List of input parameters
* List of output parameters
* Implemented behavior (source): OnEnter, Run, OnExit
* List of sub states (State Instantiations)
* List of transitions between sub states
* A start state (State Instantiation)

# State Instantiation

* Display Information
* Instance Name
* Link to State Definition