

ASD:Suite Keyboard Shortcuts

ASD:Suite Release 3 v8.1.0

[Expand All](#) | [Collapse All](#)

Menus

The following tables reflect keyboard shortcuts for items listed in the **menu** of the Master window, i.e. the menu of the main window of the ASD:Suite. Expand/Collapse an item by clicking on it.

File

If you want to	Press
Create a new model	Ctrl+N
Open an existing ASD Model	Ctrl+O
Save the currently opened ASD Model	Ctrl+S
Display the properties of the currently selected model	Alt+F7
Print the currently selected ASD Model	Ctrl+P

Edit

If you want to	Press
Undo the last operation or a set of operations, one by one, until the last model save	Ctrl+Z
Redo the last undone operation or a set of undone operations, one by one.	Ctrl+Y
Cut the selected information or the information stored in the selected cell(s)	Ctrl+X
Copy the selected information or the information stored in the selected cell(s)	Ctrl+C
Paste the information stored in the Clipboard	Ctrl+V
Delete the selected information or the information stored in the selected cell(s)	Delete
Find information within the currently opened ASD Model	Ctrl+F
Replace information within the currently opened ASD Model	Ctrl+H

Filters

If you want to	Press
Enable or disable the showing of rule cases which have Illegal as the one and only action	Ctrl+Shift+I
Enable or disable the showing of rule cases which have Blocked as the one and only action	Ctrl+Shift+B
Enable or disable the showing of rule cases which have Disabled as the one and only action	Ctrl+Shift+D
Enable or disable the showing of rule cases which have Invariant as trigger	Ctrl+Shift+V
Enable or disable the showing of self transitions	Ctrl+Shift+S
Enable or disable the effect of the custom filter on showing rule cases	Ctrl+Shift+C
Edit the custom filter	Ctrl+Shift+E
Apply the current filter selection	Ctrl+Shift+A

Note: Application of filters has an effect only on the data displayed in the SBS tabs of the models loaded in the current session of the ASD:Suite.

Verification

If you want to	Press
Verify the ASD Model by running a set of specified checks	F5
Verify the ASD Model by running all the checks	Ctrl+F5
Re-run the last model verification executed in the current ASD:Suite session for the current model	Ctrl+Shift+F5
Stop verification	Shift+F5
Show in the "Visual Verification" window the first example of the previous failed check	Ctrl+F6
Show in the "Visual Verification" window the first example of the next failed check	F6
Step over the next item in the currently focused SBS tab	F10
Step into the current item in the currently focused SBS tab	F11
Step out from the SBS tab of a sub machine or a used service machine to the next item in the main machine	Shift+F11
Step to the next rule case in the currently focused SBS tab	F12
Step backwards over the next item in the currently focused SBS tab	Ctrl+F10
Step backwards into the current item in the currently focused SBS tab	Ctrl+F11
Step out from the SBS tab of a sub machine or a used service machine to the previous item in the main machine	Ctrl+Shift+F11
Step to the previous rule case in the currently focused SBS tab	Ctrl+F12
Step to the first item in the trace	Ctrl+F9
Step to the last item in the trace (which is typically the error (warning sign))	F9

Tools

If you want to	Press
Check the current model for specification inconsistencies, a.k.a. conflicts	F8
Fix automatically fixable specification inconsistencies	Shift+F8
Generate code for the currently selected ASD Model	F7
Generate code for the currently selected ASD Model using a different target language and/or code generator version than the ones specified in the model properties	Shift+F7
Generate code for all ASD Models opened in the current ASD:Suite session	Ctrl+F7
Generates and opens, if not already opened, the state diagram for the selected machine	F4

Note: To select a menu item which has no keyboard shortcut associated press the following keys: **Alt, underlined_letter_in_menu_name, underlined_letter_in_menu_item**. In case of menu items located in a sub-menu you will have to press an **[underlined_letter_in_menu_item]** for each menu item, i.e. parent and/or child.

Dialogs and Windows

Note: If you want to navigate to one of the opened windows or to the "Start Page" press Ctrl+Tab or Ctrl+Shift+Tab and select the window you want to see. To select the desired window you need to hold the Ctrl, or Ctrl+Shift, key(s) pressed, and successively press Tab or press the letter associated with the window.

The Model Editor

The following tables reflect keyboard shortcuts to be used when editing data in several ASD:Suite **tabs**. Expand/Collapse an item by clicking on it.

Note:

- Press Ctrl+PageDown and Ctrl+PageUp to navigate between the tabs and sub-tabs listed in the "Model Editor".
- Press Alt+number (not from keypad) to navigate to a first level tab in the "Model Editor".
- Press Alt+underlined-letter, when positioned in a tab with sub-tabs, to navigate to a second level tab in the "Model Editor".

The main machine tab

SBS

If you want to	Select and Press	
Edit a cell in a rule case	An editable cell	F2
Specify a list of actions	A cell in the "Actions" column	F2
Specify a target state	A cell in the "Target State" column	F2
Associate a tag, i.e. a specified requirement, to the information specified in a rule case	A cell in the "Tags" column	F2
Specify the current state as the target state in a rule case, i.e. specify the rule case as a self transition	A cell in the "Target State" column	Ctrl+Space
Delete the data specified in a cell	Any filled-in cell in a rule case except the cells in the "Interface" and "Event" columns	Delete
Jump to a state specified as target state in a rule case	Any cell in the respective rule case	Ctrl+J
Jump to the first referral of a state	The state line of the target state	Ctrl+J
Insert a new/empty rule case above the currently selected rule case	Any cell in the rule case	Ctrl+Alt+Insert
Insert a new/empty rule case below the currently selected rule case	Any cell in the rule case	Ctrl+Insert
Delete a rule case Note: A rule case can be deleted only if it is not the one and only rule case for a rule	Any cell in the rule case you want to delete	Ctrl+Delete
Insert one or more filled-in rule cases above the currently selected rule case Note: Before the insertion you have to select the rule case(s) to be copied and you have to press Ctrl+C.	Any cell in the rule case	Ctrl+Alt+V
Insert one or more filled-in rule cases below the currently selected rule case Note: Before the insertion you have to select the rule case(s) to be copied and you have to press Ctrl+C.	Any cell in the rule case	Ctrl+V
Replace rule cases in a state Note: Before you replace one or more rule cases, you have to select the rule cases to be copied and you have to press Ctrl+C. At the end only those rule cases will be replaced which are selected by you as candidates for replacement. They will be replaced only if in the to-be-copied selection there is at least one rule case which has the same trigger.	The rule cases you would like to replace	Ctrl+V
Replace rules in a state Note: A rule is a set of rule cases having the same trigger. Before you replace one or more rules, you have to select the rule cases to be copied and you have to press Ctrl+C. You do not have to select all the rule cases of a rule in the source state. Only the selected rule cases will be pasted in the target state. They will replace all rule cases having the same trigger.	The state line of the target state	Ctrl+V
Rename a state	The state line of the respective state	F2
Delete a state Note: A state can be deleted only if it is not the one and only state specified in the SBS tab	The state line of the respective state	Ctrl+Delete

Note: The state line of a state in the SBS tab is usually coloured blue, but it can be orange if the state is a "Floating" state.

States

If you want to	Select and Press	
Edit a cell in a state definition line	Any cell in the respective line	F2
Delete the data specified in a cell	Any filled-in cell in the tab	Delete
Jump to the selected state in the SBS tab	Any cell in a state definition line	Ctrl+J
Delete the selected state	Any cell in a state definition line	Ctrl+Delete
Add a user column	Any cell in the tab	Ctrl+U

State Variables

If you want to	Select and Press	
Edit a cell in a state variable definition line	Any cell in the respective line	F2
Delete the type related information, i.e. the data specified in the following columns: "Type", "Constraint", and "Initial Value", from a state variable definition line	Any filled-in cell in the Type column	Delete
Delete the data specified in the Comments column	Any filled-in cell in the Comments column	Delete
Delete the selected state variable	Any cell in a state variable definition line	Ctrl+Delete

A sub machine tab

Note:

- If you want to add a sub machine in your design model you have to select a cell in a tab and press Ctrl+T.
- If you want to delete a sub machine in your design model you have to select a cell in a sub-tab of the respective sub machine and press Ctrl+W.

In the SBS, States and State Variables tabs you can use the same set of shortcut keys as presented for the respective tabs as sub-tabs of the main machine tab

Transfer Interface

If you want to	Select and Press	
Delete an event, or a reply event	Any cell in the line containing the event definition	Ctrl+Delete
Edit the definition of an event or reply event	A cell in the "Event", or respectively in the "Reply Event", column	F2
Edit the comment associated with an event definition	A cell in the "Comments" column	F2
Delete the comment associated with an event definition	A cell in the "Comments" column	Delete

Application Interfaces, Notification Interfaces and/or Modelling Interfaces

If you want to	Select and Press	
Delete an event, or a reply event	Any cell in the line containing the event definition	Ctrl+Delete
Edit the definition of an event or reply event	A cell in the "Event", or respectively in the "Reply Event", column	F2
Edit the comment associated with the event definition	A cell in the "Comments" column	F2
Delete the comment associated with the event definition	A cell in the "Comments" column	Delete
Add a new interface	Any cell in an interface definition tab	Ctrl+T
Delete an interface	Any cell in the tab containing the interface definition	Ctrl+W

Tags

If you want to	Select and Press	
Edit the name of a tag	A cell in the "Tag" column	F2
Edit the description or reference associated with a tag	A cell in the "Comments" column	F2
Delete the data specified in the "Comments" column	Any filled-in cell in the "Comments" column	Delete
Delete a tag	Any cell in a tag definition line	Ctrl+Delete

The "Used Services" tab

Primary References

If you want to	Select and Press	
Delete the data specified in a cell	Any filled-in cell excepting cells in the "Reference Name#instances" and "Service" columns	Delete
Edit the data specified in a cell	Any cell excepting cells in the "Service" column	F2
Specify the used interfaces for a primary reference	A cell in the "Used Interfaces" column	F2
Delete a primary reference	Any cell in the reference definition line	Ctrl+Delete

Secondary References

If you want to	Select and Press	
Delete the data specified in a cell	Any filled-in cell excepting cells in the "Reference Name" column	Delete
Edit the name of the secondary reference	A cell in the "Reference Name" column	F2
Edit the comments associated with a secondary reference definition	A cell in the "Comments" column	F2
Specify the primary references for a secondary reference	A cell in the "Primary References" column	F2
Specify the used interfaces for a secondary reference	A cell in the "Used Interfaces" column	F2
Delete a secondary reference	Any cell in the reference definition line	Ctrl+Delete

Used Notification Interfaces

If you want to	Select and Press	
Change the content of the cell in the Observed column	A cell in the Observed column	F2
Change the content of the cell in the Singleton column	A cell in the Singleton column	F2

The State Diagram viewer

The following table reflects keyboard shortcuts to be used when viewing a state diagram in the ASD:Suite.

State diagram viewing: settings and navigation

If you want to	Press
Export the state diagram to an SVG file	Ctrl+Shift+X
Print the state diagram	Alt+P
Zoom in	Ctrl++
Zoom out	Ctrl+-
Fit the state diagram in the available window height	Ctrl+Shift+H
Fit the state diagram in the available window width	Ctrl+Shift+W
Fit the state diagram in the available window size	Ctrl+O
Enable/Disable showing self transitions in the state diagram	Ctrl+Shift+T
Enable/Disable showing floating states in the state diagram	Ctrl+Shift+L
Change the orientation of the state diagram	Ctrl+Shift+O
Note: Possible values: "top to bottom" and "left to right"	
Change the font settings	Ctrl+Shift+F
Refresh the state diagram	Ctrl+Shift+R
Scroll up	Ctrl+Up(arrow)
Scroll down	Ctrl+Down(arrow)
Scroll left	Ctrl+Left(arrow)
Scroll right	Ctrl+Right(arrow)

Specification dialogs

The following tables reflect keyboard shortcuts to be used when using the "Select Actions" and "Select Target State" dialogs. Expand/Collapse an item by clicking on it.

The information in the tables below is grouped such that it shows separately the set of keyboard shortcuts that you can use in the two working modes, i.e. "Edit" or "Completion". The information in the "General" table holds for both modes.

Select Actions

General

If you want to	Press
Undo performed actions one-by-one	Ctrl+Z
Redo the last undone operation or a set of undone operations, one by one	Ctrl+Y
Discard the change(s) and exit the editor	Esc
Switch between the working modes	Tab

Edit mode:

If you want to	Press
Autocomplete action name to common prefix starting with current text	Tab
Rearrange or duplicate items	first: Ctrl+X or Ctrl+C then: Ctrl+V
Move an action down	Ctrl+Down(arrow)
Move an action up	Ctrl+Up(arrow)
Insert a newline	Alt+Enter
Move the cursor in the edit pane	Arrow keys: Up, Down, Left, Right
Accept the change(s) and exit the editor	Enter

Completion mode:

If you want to	Press
Move the cursor in the list pane to highlight an item	Arrow keys: Up, Down
Insert the highlighted item from the list, accept the change(s) and exit the editor	Enter

Select Target State

General

If you want to	Press
Undo performed actions one-by-one	Ctrl+Z
Redo the last undone operation or a set of undone operations, one by one	Ctrl+Y
Discard the change(s) and exit the editor	Esc
Switch between the working modes	Tab

Edit mode:

If you want to	Press
Autocomplete the state name to the common prefix starting with the current text	Tab
Move the cursor in the edit pane	Arrow keys: Left, Right
Accept the change(s) and exit the editor	Enter

Completion mode:

If you want to	Press
Move the cursor in the list pane to highlight an item	Arrow keys: Up, Down
Insert the highlighted item from the list and exit the editor accepting the change(s)	Enter

Verification dialogs and windows

The following tables reflect keyboard shortcuts to be used when using the "Verify" dialog and the "Verification Results" and "Visual Verification" windows. Expand/Collapse an item by clicking on it.

Verify

If you want to	Press
Select/Deselect all checks	Ctrl+A
Move the cursor in the list of checks to highlight an item	Arrow keys: Up, Down
Select/Deselect the highlighted check	Space
Collapse all checks	Ctrl+C
Expand all checks	Ctrl+E

Verification Results

If you want to	Press
Move the cursor in the list of checks to highlight an item	Arrow keys: Up, Down
Open the sequence diagram for a selected failed check	Enter

Visual Verification

If you want to	Press
Go to the failure point in the sequence diagram	Alt+G
Print the sequence diagram	Alt+P
See the failure traces in a mirror view	Alt+M
Note: This can be done only when analyzing interface compliance errors	
Enable/Disable showing of trace numbers	Alt+N
Enable/Disable smart display, i.e. see/hide source/target components even when not visible in the window	Alt+S
Note: The not-visible source and target components are indicated in a side-bar in a text box when you hover above the respective side-bar.	
Enable/Disable showing of icons in front of component names	Alt+O
Enable/Disable showing of the Environment component	Alt+U
Expand/Collapse the "Internal" group	Alt+Z
Expand/Collapse the "Used Services" group	Alt+X
Reset spacing between components	Ctrl+Home
Compress the diagram horizontally	Ctrl+Left(arrow)
Stretch the diagram horizontally	Ctrl+Right(arrow)
Compress the diagram vertically	Ctrl+Up(arrow)
Stretch the diagram vertically	Ctrl+Down(arrow)
Zoom in	Ctrl++
Revert to actual size	Ctrl+0
Zoom out	Ctrl+-
Switch between tabs and sub-tabs	Ctrl+PageDown and/or Ctrl+PageUp

Locate an item in the SBS if the "Model Editor" is not opened or is not visible

Enter (after you selected an item in the trace)