

WF Status (Customer) Cube

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The [WF Status \(Customer\)](#) cube contains the status and the complete history of all workflow tasks using [Customer](#) dimension as workflow step dimension. All measures for the current status are stored by workflow activity, but not by an event number. All measures for the history are stored by the event number but not by the activity. The cube consists of the following dimensions:

- Dimension [WF Task](#): See the article [_WF Task dimension](#).
- Dimension [Customer](#): This is the workflow step dimension which is shared with the fact cube.
- Dimension [WF Activity](#): See the article [_WF Activity dimension](#).
- Dimension [WF Event](#): Flat list of numbers 1, 2, 3, etc. to record the history of events. An event is processing of a system or a user activity and is recorded with user, timestamp, comment, etc. Measures for the current status are stored on the [WF Event](#).

Element	Definition
~	Not applicable. Used to store measures for the current status.

Element	Definition
~	Not applicable. Used to store measures for the current status.
1, 2, 3, ...	Used to store measures for the history

- Dimension [WF Status_measure](#) containing two groups of measures:
Measures for the current status is stored by workflow activity, but not by an event number – [WF Event](#) is set to the not-applicable element [~](#).

Element	Definition
State	Current status of the activity. Valid values on base level cells are: 0: Activity has not been started 1: Activity is active 1000: Activity has been finished (numeric)
State (Consolidated)	On consolidated elements of the workflow step dimension the State values will aggregate. This dimension decomposes the aggregated value to the codes 0, 1 or 1000. If the consolidated workflow step contains children with mixed states (active and finished) State (Consolidated) will always be active. (calculated, numeric)

Element	Definition
Count	Number of base elements in the workflow step dimension directly or through an ancestor assigned to a user group. (calculated, numeric)
Active Rate	Percentage between 0 and 1 of workflow steps in the active state. Consolidated elements show the average weighted by numbers of base elements. (calculated, numeric)
Finished Rate	Percentage between 0 and 1 of workflow steps in the finished state. Consolidated elements show the average weighted by numbers of base elements. (calculated, numeric)
State (String)	Current status of the activity (see State). If the State (String) has been entered on a consolidated workflow step it is shown on all descendants. (calculated, string)
Last Event	The last event which occurred on the activity. Must be a base element of WF Event dimension. (string)

Note: Measures for the history is stored by the event number but not by the activity and [WF Activity](#) is set to the not-applicable element [~](#).

Element	Definition
Modified By	User name who completed an activity. If the name has been entered on a consolidated workflow step it is shown on all descendants (partly calculated, string)
Comment	The comment entered by the user when completing an activity. If the comment has been entered on a consolidated workflow step it is shown on all descendants. (partly calculated, string)
Modified (Date)	Timestamp of the last modification. Encoded as Excel date (number of days since 1 st January 1900). The time component (fractions of days) is used. Only valid on workflow steps on base level. (calculated, numeric)
Modified (String)	Timestamp of the last modification. Encoded as Excel date (number of days since 1 st January 1900). The time component (fractions of days) is used. If the timestamp has been entered on a consolidated workflow step it is shown on all descendants. (partly calculated, string)
Occured On Step	Workflow step on which the activity has been proceeded. Must be an element of the workflow step dimension. If the workflow step has been entered on a consolidated workflow step it is shown on all descendants. (partly calculated, string)

Element	Definition
Activity	Successor of the completed activity. For the last event this will show the active activity Must be an element of the <code>WF Activity</code> dimension. If the activity has been entered on a consolidated workflow step it is shown on all descendants. (string)
