

# WF Status Cube (Custom Application)

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Workflow stores some of its data using a so-called Workflow Step Dimension. Two cubes use the workflow step dimension to store workflow-related information. This article describes one of them.

The [WF Status \(<Workflow Step Dimension>\)](#) cube contains the status and complete history of all workflow tasks using the workflow step dimension. The cube consists of the following dimensions:


Dimension	Definition
<a href="#">WF_Task</a>	This task dimension defines the data sets that workflow control will collect (see <a href="#">full article</a> ).
step dimension	The workflow step dimension combines with the fact cube to create work packages.
<a href="#">WF_Activity</a>	This dimension defines the workflow activities (see <a href="#">full article</a> ).
<a href="#">WF_Event</a>	<p>Flat list numbers (1, 2, 3, etc.) record the history of events. An event is the processing of a system or user activity and is recorded with user, timestamp, comment, etc. Measures for the current status are –.</p> <ul style="list-style-type: none"> <li>• – : not applicable. Stores measures of the current status.</li> <li>• 1, 2, 3, ... : stores measures of the history.</li> </ul>

[WF Status\\_measure](#)

This dimension contains two groups of measures: measures for the current state and measures for the history. Measures from each group show fundamental aspects of the workflow sequence.

**Measures for the current status:**


Measures for the current status are stored by workflow activity, not an event number.

[WF Event](#) is set to the non-applicable element 

Element	Definition
<a href="#">State</a>	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)
<a href="#">State (Consolidated)</a>	When elements of the workflow step dimension consolidate, the <a href="#">State</a> values aggregate. This State (Consolidated) dimension breaks up the aggregated value to the codes 0, 1 or 1000. If the consolidated workflow step contains children with mixed states (active and finished) <a href="#">State (Consolidated)</a> will always be active. (calculated, numeric)
<a href="#">Count</a>	The number of base elements in the workflow step dimension are assigned directly or through an ancestor to a user group. (calculated, numeric)
<a href="#">Active Rate</a>	Percentage between 0 and 1 of workflow steps in the active state. Consolidated elements show the average weighted numbers of base elements. (calculated, numeric)
<a href="#">Finished Rate</a>	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)
<a href="#">State (String)</a>	Current status of the activity (see <a href="#">State</a> ). If the <a href="#">State (String)</a> has been entered on a consolidated workflow step, it is shown on all descendants. (calculated, string)
<a href="#">Last Event</a>	The last event which occurred on the activity. Must be a base element of <a href="#">WF Event</a> dimension. (string)

**Measures for the history:**

Measures for the history are stored by an event number, not workflow activity.

[WF Activity](#) is set to the non-applicable element 

Element	Definition
<a href="#">Modified By</a>	Username who completed an activity. If the name has been entered on a consolidated workflow step, it is shown on all descendants. (partly calculated, string)
<a href="#">Comment</a>	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)
<a href="#">Modified (Date)</a>	Timestamp of the last modification. Encoded as an Excel date (one of the number of days since 1 <sup>st</sup> January 1900). The time component (e.g. fractions of days) is used. Only valid on workflow steps on the base level. (calculated, numeric)
<a href="#">Modified (String)</a>	Timestamp of the last modification. Encoded as Excel date which is the number of days since 1 <sup>st</sup> January 1900. The time component (e.g. 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)
<a href="#">Occurred On Step</a>	The workflow step on which the activity occurred. 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)
<a href="#">Activity</a>	Successor of the completed activity. For the last event, this will show the current activity. Must be an element of the <a href="#">WF Activity</a> dimension, if the activity has been entered on a consolidated workflow step, it is shown on all descendants. (string)