

# workflowparameter macro

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## Overview

The `{workflowparameter}` macro allows you to create editable [Value References](#).

This incredibly useful feature allows you to create configurable, portable workflows that can be used across spaces. Each space then has the option to use the default value set in the workflow or to use a custom value specified for that space only.

## Where can values be edited?

Depending on the parameter

- [Space Admins](#) – [Parameters - Space Tools](#) when your workflow is used in [Space Mode](#)
- [Users](#) – [Workflow setup](#) via the [Workflow Popup](#) (in both [Space Mode](#) and [Page Mode](#))

For a workflow parameter to be added to the space tools Parameters tab, a default value must have been added to the workflow.

If the workflow parameter is `editable`, a user will be prompted to add or confirm the workflow parameter value(s) when adding the workflow to content.

### In Progress

**⚠** A value for the workflow parameter added by the user in the workflow set up dialog box may only be available for use by the workflow after a transition occurs from this initial state.

**ℹ** When adding a space workflow, a [parameter reference](#) value may only be available for use by the workflow after a workflow process, such as a transition, occurs. For example, the initial state should not include the use of the parameter reference value for a due date or pre-assigned reviewers for approvals to avoid blocking your workflow. Alternatively, a space admin can choose to [Initialize states](#) when applying a space workflow. This will process the pages and the workflow parameter value will be available for use by the workflow in the initial state.

## Where to use it?

Optional.



One or more `{workflowparameter}` macro can be put in a `{workflow}` macro.

Must be placed *before* the `{state}` macro(s).

[Workflow builder](#) can be used to add one or more workflow parameters to a workflow.

## Parameters

Parameter	Required	Default	Notes	Ver
<i>unnamed first parameter</i> or <code>name</code>	✔		Name of the parameter.	3.0+

<i>macro body</i>	✓		<p>The default value for the parameter</p> <ul style="list-style-type: none"> <li>• can use any character set supported by your Confluence server – except some <a href="#">reserved characters</a></li> <li>• can be overridden in <a href="#">Parameters - Space Tools</a> if the template is used in <a href="#">Space Mode</a></li> <li>• can be overridden at page or blog post level, via <a href="#">Workflow Popup</a>, in both <a href="#">Page Mode</a> and <a href="#">Space Mode</a>, if <code>edit=true</code> is set</li> </ul>	3.0+
<b>description</b>			<p>The description for the parameter</p> <ul style="list-style-type: none"> <li>• plain text</li> <li>• can use any character set supported by your Confluence server – except some <a href="#">reserved characters</a></li> <li>• <a href="#">State expiry dates</a></li> </ul>	3.0+
<b>edit</b>		false	<p>Should this parameter be editable at the page or blog post level?</p> <ul style="list-style-type: none"> <li>• <b>true</b> – yes, make it editable via the <a href="#">Workflow Popup</a></li> <li>• <b>false</b> – no, it can only be edited via <a href="#">Parameters - Space Tools</a></li> </ul> <p>Tip: If set to <b>true</b>, the value of the parameter can be used as a normal <a href="#">Value Reference</a> and can be accessed via the <code>{get-metadata}</code> macro.</p> <p><code>edit=true</code> can also be required to be set upon transition to a state by setting them in the <a href="#">requiredparams</a> list for that state.</p> <h2>Content by label</h2> <p>There is no content with the specified labels</p> 	3.0.3+
<b>type</b>		string	<p>Parameter type</p> <ul style="list-style-type: none"> <li>• <b>string</b> – text <ul style="list-style-type: none"> <li>• Usually plain text, but can contain wiki notation depending on where the parameter value will be used</li> </ul> </li> <li>• <b>user</b> – a single username or comma separated list of usernames</li> <li>• <b>duration</b> – an ISO 8601 duration</li> <li>• <b>group</b> – a single Confluence group or comma separated list of group names</li> <li>• <b>list</b> – a list of values to choose from – see: <a href="#">options</a> parameter below</li> <li>• <a href="#">State expiry dates</a></li> </ul>	3.0+
<b>options</b>	i	string	<p><b>i</b> Required if the parameter <code>type</code> is <code>list</code>.</p> <p>List options</p> <ul style="list-style-type: none"> <li>• comma-separated list of values</li> <li>• can use any character set supported by your Confluence server – except some <a href="#">reserved characters</a></li> <li>• supports <a href="#">Value References</a></li> </ul> <h2>Content by label</h2> <p>There is no content with the specified labels</p> 	3.0+

## Events

The following [Events](#) are generated when page-level parameters are updated

- `pageparameterupdate`

## Examples

When the following workflow is first added to a space or page in a space, then a space admin can edit the value via [Parameters - Space Tools](#).

- the workflow parameters `type=group` and `type=users` can be used to define different users when adding the workflow to content
- this can allow a workflow to be used across multiple spaces by different teams without having to change the workflow

A new value for the parameter added to the [Parameters dashboard](#) will be used when the workflow is added to the content.

```
{workflow:name=Parameters}
  {workflowparameter:Review Group|type=group}
    confluence-users
  {workflowparameter}
  {state:Test}
    {approval:Review|group=@Review Group@}
  {state}
{workflow}
```

**i** A default value needs to be added to the body of the workflow parameter for the parameter value to be editable in the space tools [Parameters dashboard](#).

**!** Editing the parameter value in the [Parameters dashboard](#) will not change the value used in a workflow that has already been added and applied to content in the space.

Adding `edit=true` allows end-users to [edit the value at the page or blog post level](#), both in [Page Mode](#) and [Space Mode](#).

```
{workflow:name=Parameters}
  {workflowparameter:Review Group|type=group|edit=true}
    confluence-users
  {workflowparameter}
  {state:Test}
    {approval:Review|group=@Review Group@}
  {state}
{workflow}
```

Both `group` and `user` type workflow parameters, accept comma-separated lists. These lists can be then used in approval conditions.

```
{workflow:name=Parameters}
  {workflowparameter:Review Groups|type=group}
    group-1,group-2,group-3
  {workflowparameter}
  {state:Test}
    {approval:Review|group=@Review Groups@}
  {state}
{workflow}
```

For a `type=list` workflow parameter, the list options are added using the `list` parameter.

```
{workflowparameter:OpDivision|description=Business Operating Division|type=list|options=hr,dev,marketing,finance,global}
  global
{workflowparameter}
```

## All examples

- [State expiry dates](#) — Using state expiry dates, defining them with metadata, and making them editable

## See also

[Workflow Authoring Guide:](#)

- [Value References – Parameter References](#)
- [Conditions](#)
- [Events](#)
- [Triggers](#)
- [Actions](#)
- [Edit workflow parameters using workflow builder](#)

[User Guide:](#)

- [Workflow setup](#)

[Administration Guides:](#)

- [Parameters - Space Tools](#)