

trigger macro

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Overview

The `{trigger}` macro listens for [Events](#), then, after filtering and confirming any prerequisite requirements, performs the [actions](#) contained in the macro body.

Where to use it?







Optional.

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

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

Parameters

| Parameter | Required | Default | Notes | Ver |
|--------------------------------|----------|---------|---|--------|
| <i>unnamed first parameter</i> | ✓ | | The event to listen to – see: Events | |
| <i>macro body</i> | | | One or more actions to process when the trigger is activated – see: Actions | |
| description | | | The description for the trigger: <ul style="list-style-type: none">• Plain text• Can use any character set supported by your Confluence server – except some reserved characters | 5.7+ |
| <i>Conditions</i> | | | Optionally apply further conditions to filter events – see: Conditions | |
| approval | ⓘ | | ⓘ Required for all events relating to the <code>{approval}</code> macro. Filter to a specific <code>{approval}</code> name. Tip: If you have more than one <code>{approval}</code> with same name, you can also filter to a specific <code>{state}</code> using the <code>state</code> parameter. <ul style="list-style-type: none">• Add, remove and set page restrictions• Advanced different-space publishing• Advanced remote-space publishing• Blog Post Events• Fast-tracked Rejections and Approvals• Require Parameters on State Transitions | |
| initial | | false | Only applies to <code>statechanged</code> event, for each page or blog post the workflow is applied to. <ul style="list-style-type: none">• <code>true</code> – only listen for the first time the workflow transitions to the <code>{state}</code> specified by the <code>state</code> parameter.• <code>false</code> – listen to every time the workflow transitions to the <code>{state}</code> specified by the <code>state</code> parameter. The primary use of this parameter is to perform one-time initialisation actions for a given piece of content. For example, on the first review of a piece of content you might want to send out additional emails, or set some metadata. Content by label There is no content with the specified labels | 3.0.1+ |
| label | | | Only applies to <code>labeladded</code> and <code>labelremoved</code> events. The name of the label which was added or removed. <ul style="list-style-type: none">• Space mode workflow application | |
| newevent | | | If this value is set, then a custom event identified by this value will be <i>published</i> when the actions are executed, and will contain a flag <code>success</code> set to <code>true</code> or <code>false</code> depending on the outcome <ul style="list-style-type: none">• Advanced different-space publishing• Advanced remote-space publishing | |

| | | | | |
|------------------|---|-------|--|-------|
| parameter |  | | <p> Required for the <code>pageparameterupdate</code> event</p> <p>The name of the parameter to monitor.</p> <p>Content by label</p> <p>There is no content with the specified labels</p> | |
| partial | | false | <p>Only applicable to for the following events: <code>pageapproved</code>, <code>pagerejected</code>, <code>newsapproved</code> and <code>newsrejected</code></p> <ul style="list-style-type: none"> • <code>true</code> – process each individual Approve or Reject • <code>false</code> – wait until all reviewers agree on either Approve or Reject <ul style="list-style-type: none"> • Fast-tracked Rejections and Approvals | |
| queue | | false | <p>Should actions be queued?</p> <ul style="list-style-type: none"> • <code>true</code> – Yes, queue them • <code>false</code> – No, run them immediately <p>If there is a chance that actions will take a long time to process, for example when remote publishing content, they should be queued so the end user doesn't have to wait for them to finish before continuing with their work.</p> <ul style="list-style-type: none"> • Advanced different-space publishing • Advanced remote-space publishing | |
| state |  | | <p> Required for the following events: <code>pagestatechanged</code>, <code>statechanged</code> or <code>newsstatechanged</code></p> <p>Filter to a specific active {state} of the workflow.</p> <p>Note: Only a single state can be specified, and it can't be negated.</p> <ul style="list-style-type: none"> • Advanced different-space publishing • Advanced remote-space publishing • Attachment events • Message notification styles • State expiry dates • StiltSoft Talk app | |
| success | | true | <p>This setting is used to listen for the outcome of a custom event (set by the <code>newevent</code> parameter in an separate trigger macro). This setting can be used to handle error in actions (for example, failure of remote publishing).</p> <ul style="list-style-type: none"> • Advanced different-space publishing • Advanced remote-space publishing | |
| task |  | | <p> If not specified, the trigger will listen for all tasks rather than a specific task.</p> <p>Filter to a specific {task} name.</p> <p>Content by label</p> <p>There is no content with the specified labels</p> | 3.2.5 |

Example

The workflow has two triggers. Each trigger is listening for a different approval event for the **Content Review** approval in the **Review** state.

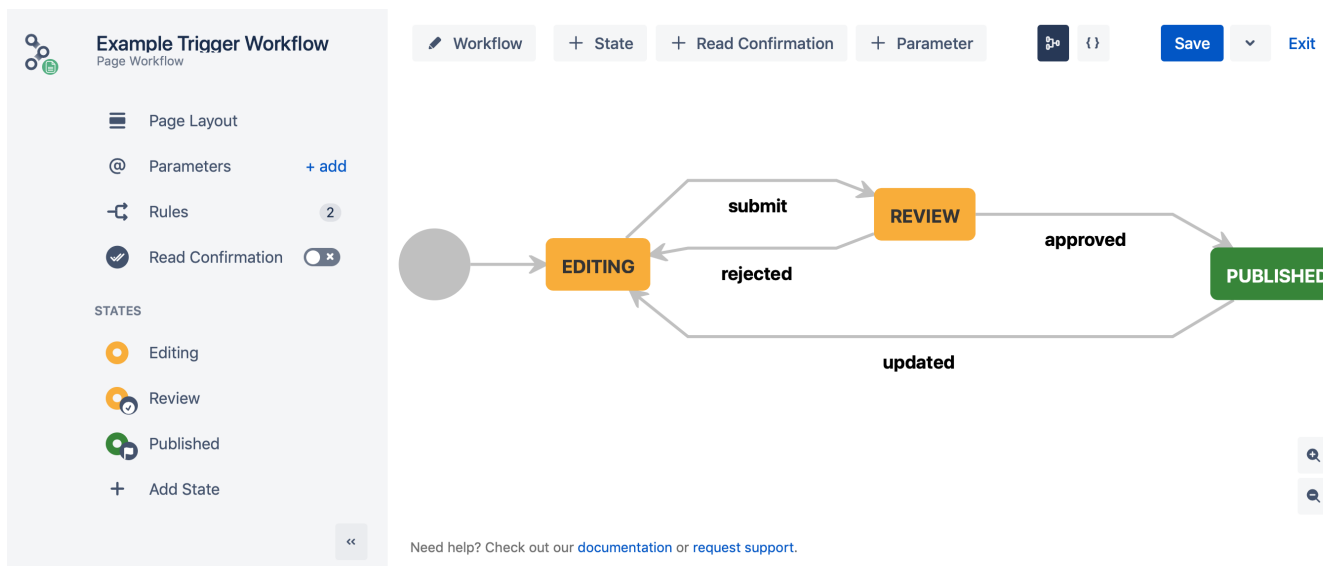
- a `pageapproved` event trigger
- a `pagerejected` event trigger

```

{workflow:Example Trigger Workflow}
  {state:Editing|submit=Review}
  {state}
  {state:Review|approved=Published|rejected=Editing}
  {approval:Content Review}
  {state}
  {state:Published|final=true|updated=Editing}
  {state}
  {trigger:pageapproved|approval=Content Review}
  {set-message:style=success}This page has been approved!{set-message}
  {trigger}
  {trigger:pagerejected|approval=Content Review}
  {set-message:style=error}This page was rejected, please make requested changes.{set-message}
  {trigger}
{workflow}

```

You can view and edit a workflow in [workflow builder](#).



In workflow builder, the trigger is added to the workflow using markup.

Edit Workflow

Edit details from Workflow *Example Trigger Workflow*

← ADVANCED

Triggers

```

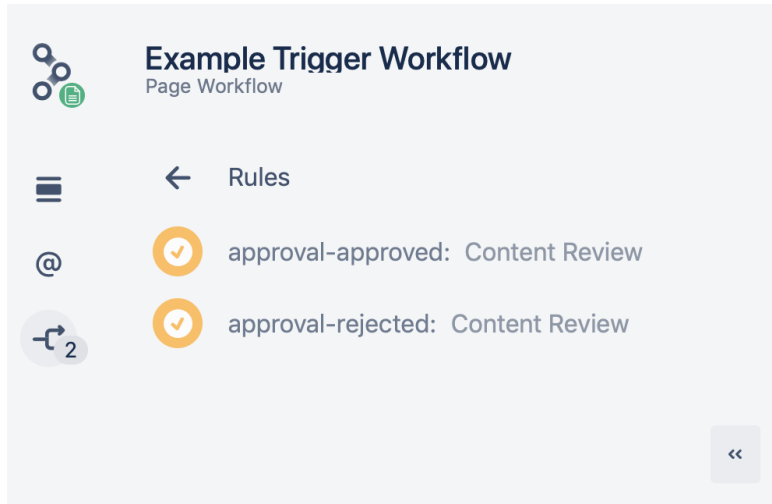
1 {trigger:pageapproved|approval=Content Review}
2   {set-message:style=success}This page has been approved!{set-
3   message}
4 {trigger}
5 {trigger:pagerejected|approval=Content Review}
6   {set-message:style=error}This page was rejected, please make
7   requested changes.{set-message}
8 {trigger}

```

Declare workflow triggers in wiki markup format to launch automated actions on certain events. Find out more about how workflow triggers work [here](#).

Apply Cancel

Once added to the workflow each trigger is displayed as a non-editable workflow **Rule**.



To change a trigger you must edit the trigger markup.

All examples

- [Add, remove and set page restrictions](#)
- [Adding page activity to email](#) — Include page activity report, or a link to it, in custom email notifications
- [Advanced different-space publishing](#)
- [Advanced remote-space publishing](#)
- [Attachment events](#) — Triggering events when attachments are created, updated or removed.
- [Blog Post Events](#) — Workflow events associated with blog posts
- [Dynamic page header using a metadata value and triggers](#) — Use a trigger to display a different page header for each state in the workflow. Page header content is set as a metadata value.
- [Fast-tracked Rejections and Approvals](#) — How to require everyone to Approve, but only need one person to Reject
- [Message notification styles](#) — Test the `style` parameter of the `{set-message}` macro
- [Require Parameters on State Transitions](#) — Require workflow parameter values to be set before moving into a workflow state.
- [Space mode workflow application](#)
- [State expiry dates](#) — Using state expiry dates, defining them with metadata, and making them editable
- [StiltSoft Talk app](#)

See also

Workflow Authoring Guide:

- [Events](#)
- [Triggers](#)
- [Actions](#)
- [Conditions](#)
- [Value References](#)

User Guide:

- [Workflow Builder](#)