

Transitions

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Overview

Transitions cause the workflow to move from one state to another state. This page summarises the main types of transition.

Tip: You can view state diagrams using the [Workflow inspector](#).

State selection

These transitions are triggered by users selecting a state from a drop-down list in the [Workflow Popup](#).

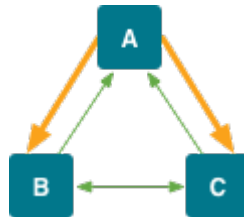
Events: `pagestatechanged`, `newsstatechanged`, `statechanged` – *these events occur for all transitions shown on this page*

See also: [States](#), [Administrator state override](#)

All states

By default, each state can transition directly to all other states. Setting any other type of transition disables the default state selection. Options for all other states appear in the [Workflow Popup](#).

```
{workflow:name=All states}
{state:A}
{state}
{state:B}
{state}
{state:C}
{state}
{workflow}
```

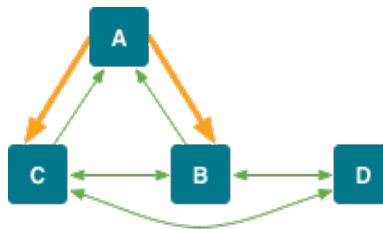


Macros: `{state}`

Specific state(s)

The `{state-selection}` macro lists states which can be transitioned to, and in what order. Options for specified state names, in specified order, appear in the [Workflow Popup](#).

```
{workflow:name=Specific state
(s)}
{state:A}
{state-selection:states=C,
B}
{state}
{state:B}
{state}
{state:C}
{state}
{state:D}
{state}
{workflow}
```

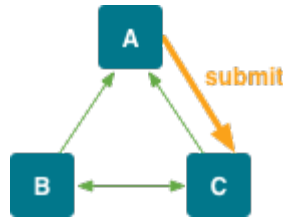


Macros: `{state}`, `{state-selection}`

One state

The `submit` parameter limits transition to just one state. Option for the specified state appears in the [Workflow Popup](#).

```
{workflow:name=One state}
  {state:A|submit=C}
  {state}
  {state:B}
  {state}
  {state:C}
  {state}
{workflow}
```



A

Select to which state you want to transition to:

Add comment

C

Submit

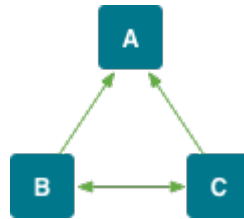
[View workflow](#)

Macros: `{state}`

No state

The `hideselection` parameter removes the default direct state transitions. No state options shown in the [Workflow Popup](#).

```
{workflow:name=No state}
  {state:A|hideselection=true}
  {state}
  {state:B}
  {state}
  {state:C}
  {state}
{workflow}
```



A

[View workflow](#)

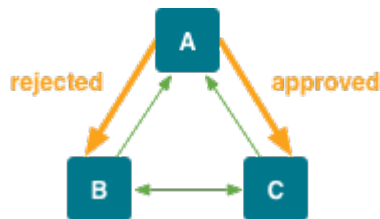
Macros: `{state}`

Content reviews

Similar to a state selection transition, but the focus is on reviewing content rather than choosing a state (the workflow determines which state to go to depending on outcome of the review).

The user chooses to **Approve** or **Reject**, and the workflow transitions to the appropriate state (as defined in the `approved` and `rejected` parameters). Approve and Reject buttons in the [Workflow Popup](#).

```
{workflow:name=Content review}
  {state:
  A|approved=C|rejected=B}
  {approval:Review}
  {state}
  {state:B}
  {state}
  {state:C}
  {state}
{workflow}
```



A

Review

Add comment

Approve Reject

[View workflow](#)

Macros: `{state}`, `{approval}`, `{approve-page}`, `{reject-page}`, `{approve-children}`, `{reject-children}`

Events: `pageapproved`, `newsapproved`, `pagerejected`, `newsrejected`, `pageapprovalassigned`, `newsapprovalassigned`, `approvalunassigned`

See also: [Reviews](#), [Content reviews](#), [Customise Approval Buttons](#)

Expiry

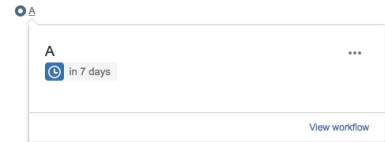
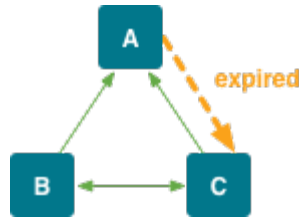
States can be given an expiry date, after which a transition can occur.

The `duedate` parameter determines the expiry date, and the `expired` parameter specifies which state to transition to if the state expires whilst it is active. An expiry indicator appears in the [Workflow Popup](#).

```

{workflow:name=State expiry}
{state:
A|duedate=P1W|expired=C}
{state}
{state:B}
{state:C}
{state}
{workflow}

```



Macros: {state}, {set-state-expiry}

Events: stateexpired

See also: [Expiry Dates](#), [State expiry date](#), [State expiry dates](#)

Update

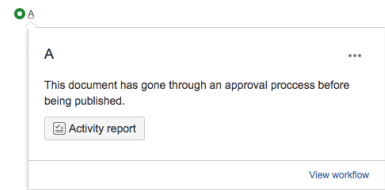
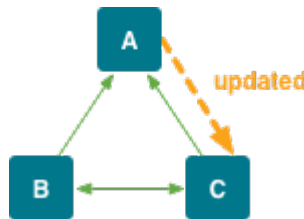
States can automatically transition should content be updated (edited).

The **updated** parameter specifies the state to transition to if the content is updated. If used on a state that has **final=true** parameter, the [Workflow Popup](#) will show a message about the publishing process, otherwise it will be empty.

```

{workflow:name=Content update}
{state:A|updated=C}
{state}
{state:B}
{state}
{state:C}
{state}
{workflow}

```



Macros: {state}

Events: pageupdated, newsupdated, pagemoved, attachmentschanged, attachmentadded, attachmentupdated, attachmentremoved, attachmentversionremoved

See also: [Publishing](#)

Tasks

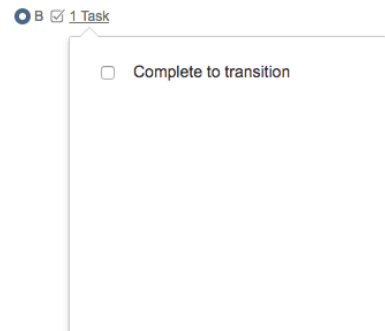
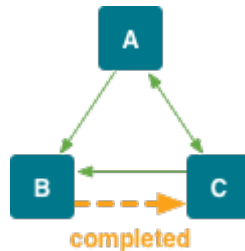
States can automatically transition should all workflow tasks be completed.

The **completed** parameter specifies the state to transition to when all tasks are completed. Tasks are listed in the Tasks popup.

```

{workflow:name=Task completion}
{state:A}
{state}
{state:B|completed=C}
{task:Complete to
transition}
{state}
{state:C}
{state}
{workflow}

```



Macros: `{task}`, `{complete-task}`

Events: `taskcreated`, `taskassigned`, `taskcompleted`, `taskexpired`

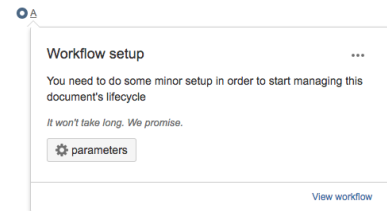
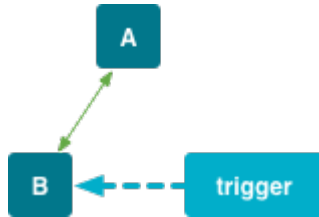
See also: [Tasks](#), [Tasks Popup](#), [Make tasks disable a review](#)

Page parameter - trigger

If using workflow parameters, a transition can be triggered when a user edits their value.

The `edit=true` parameter must be specified on the `{workflowparameter}` macro for this to work. The [Workflow Popup](#), in state A, will show a message and button for editing the parameters. Once the parameters are set, the workflow will transition to state B.

```
{workflow:name=Parameter edit}
{workflowparameter:
test|edit=true}
test
test
{workflowparameter}
{state:A}
{state}
{state:B}
{state}
{trigger:
pageparameterupdate|parameter=test}
{set-state:B}
{trigger}
{workflow}
```



Macros: `{workflowparameter}`, `{trigger}`

Events: `pageparameterupdate`

See also: [Value References](#), [Workflow setup](#)

Page parameter - required

A workflow parameter can be set as a required parameter in a state. This will prompt the end user to set a parameter value when moving into a new state via an approval or state submission selection.

```
{state:Reviewed|approved=Prod Review|rejected=Draft|requiredparams=pagefield1}
{approval:Approval}
{state}
```

The parameter must be setup as `edit=true` so a value can be set on an individual page.

```
{workflowparameter:pagefield1|description=Something related to the project|edit=true}
```

Macros: `{workflowparameter}`, `{state}`

Events

Any event can be used to trigger a `{set-state}` transition in the same way as the example above.

- [Advanced different-space publishing](#)
- [Advanced different-space publishing](#)
- [Advanced remote-space publishing](#)
- [Advanced remote-space publishing](#)
- [Attachment events](#) — Triggering events when attachments are created, updated or removed.
- [Attachment events](#) — Triggering events when attachments are created, updated or removed.

Events: *Any event*

See also: [Triggers](#), [Actions](#)