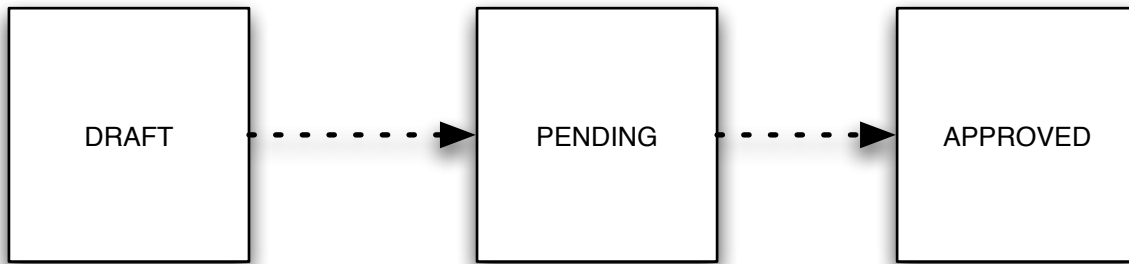
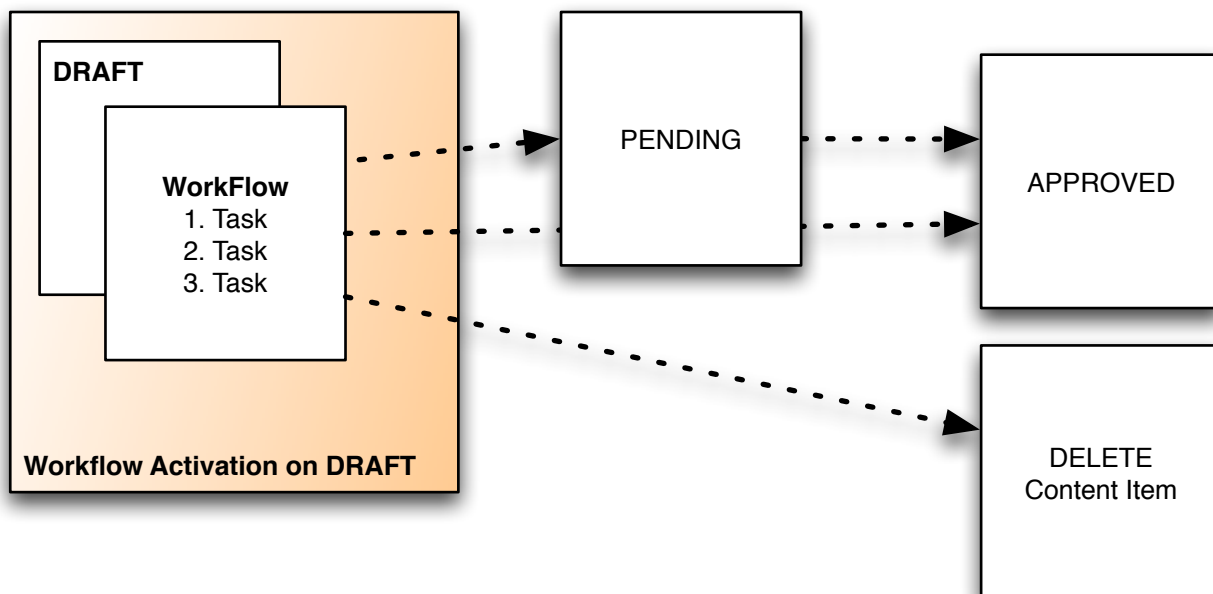


Workflow: Status Integration

Basic Workflow



Workflow Framework Activation



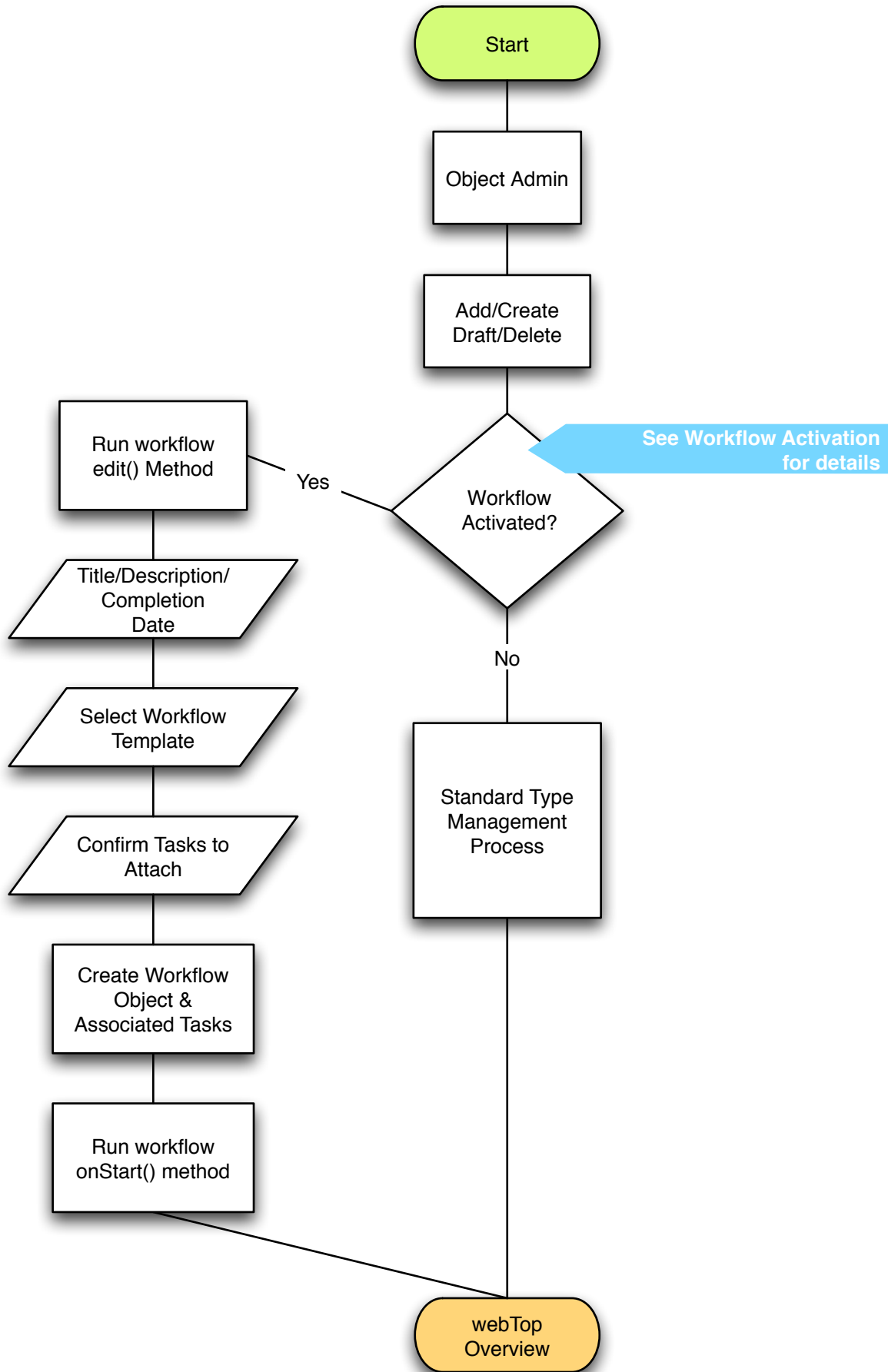
Workflow Integration

Workflow Framework can be integrated into any content type allocated a standard status field; draft, pending, approved. Activation effectively replaces the standard webtopOverview and subverts status change events.

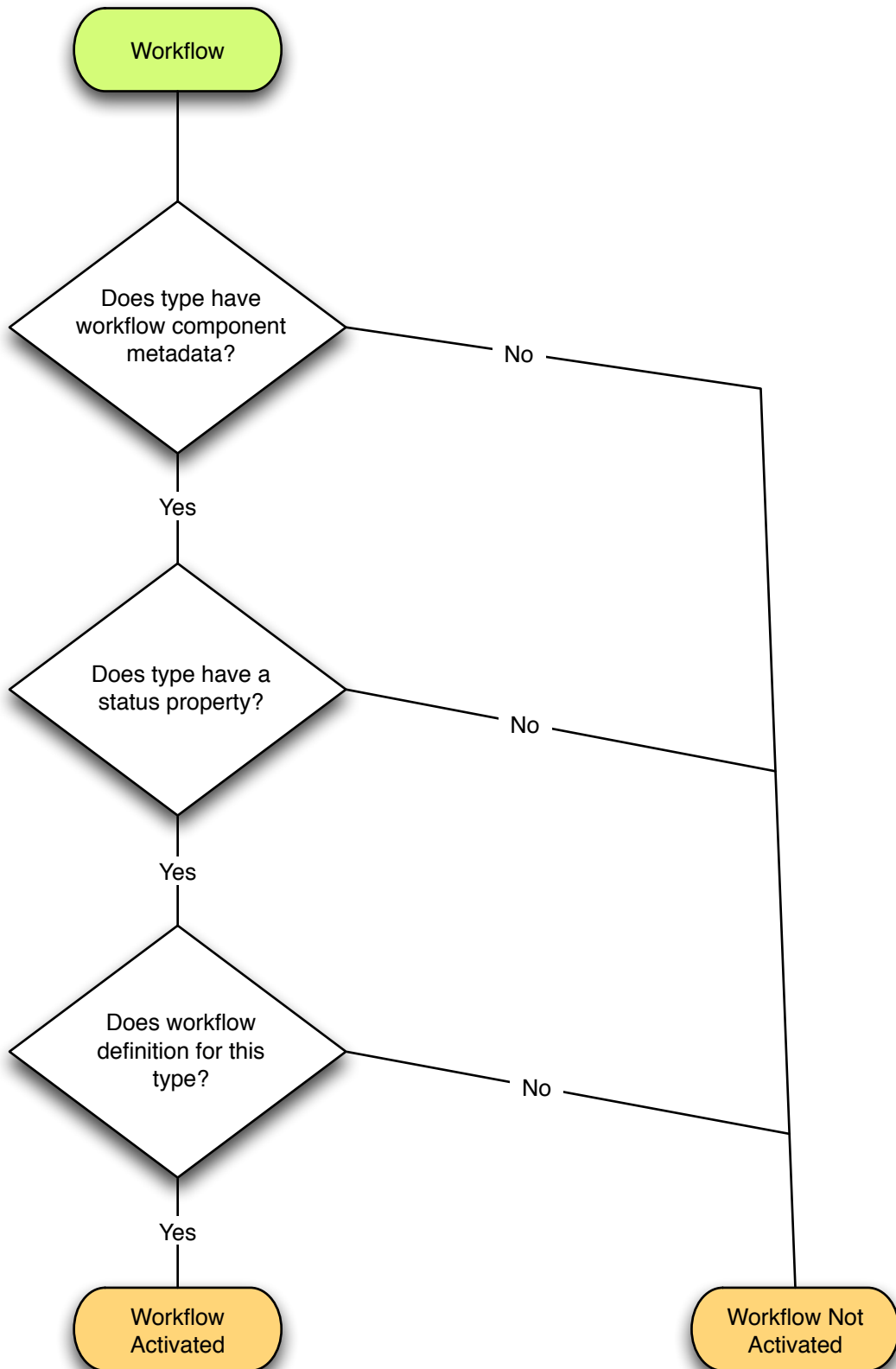
On workflow completion, status can be pushed direct to approved, to an interstitial pending step for overall approval, or to a delete event.

Workflow completion culminates in the onEnd() event which fires the method nominated in workflowEnd. Three default methods exist under ./webskin/types: move to pending (workflowPending), move to approved (workflowApproved), delete associated content item (workflowDeleteContent).

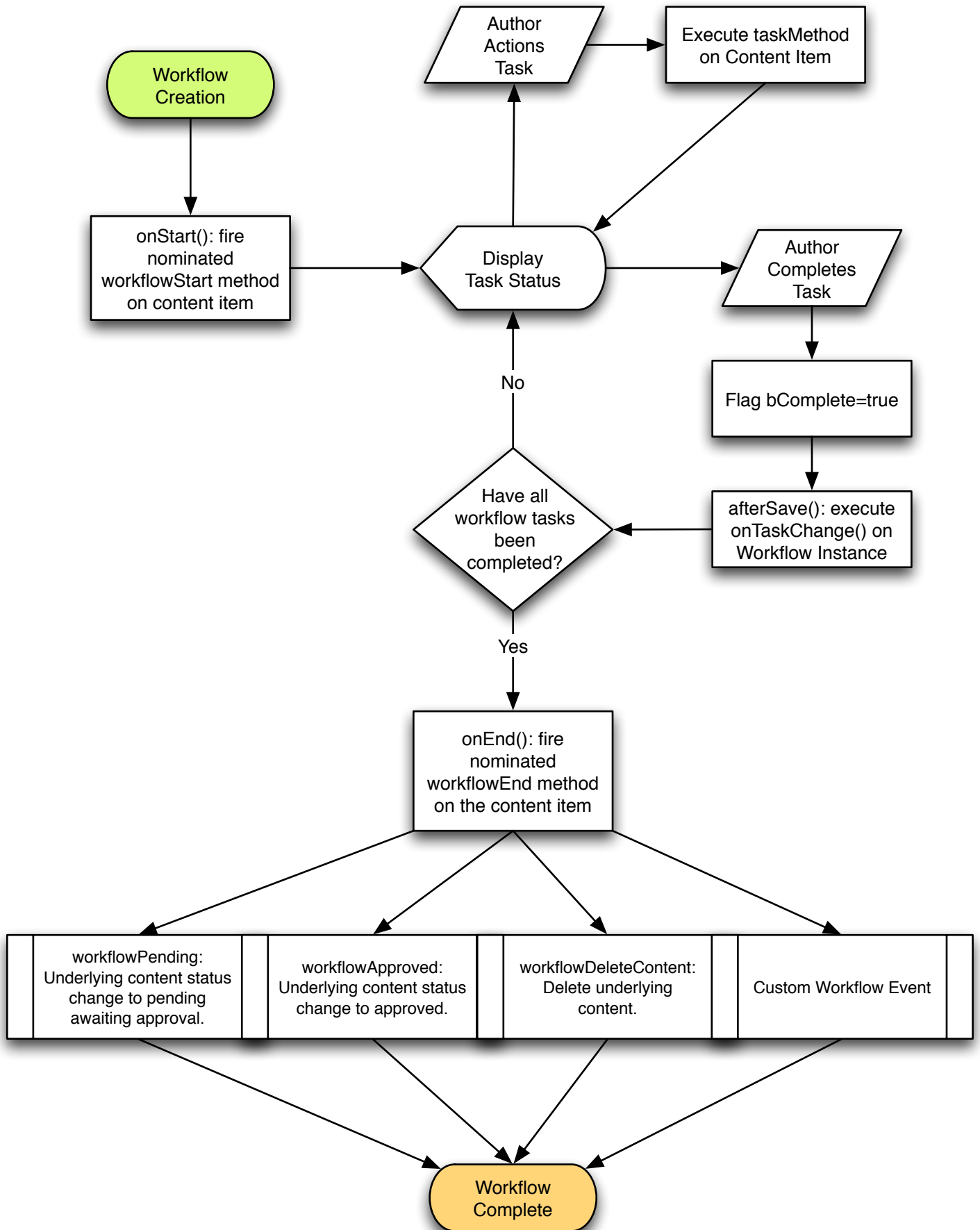
Workflow: Instance Creation



Workflow: Activation



Workflow: webTop Overview Processes



Workflow: Edit

WIZARD


1 Enter workflow title: Specific task that needs to be accomplished

2 Enter Workflow description: free form text explaining what needs to be done.


Select workflow definition: choose relevant workflow template

3 **Task Title**
Description of task definition for selection.

Task Title
Description of the task definition for selection.

Task Title
Description of task definition for selection. 

Task Title
Description of task definition for selection.

4 Completion date: default now() plus minToComplete 

Wizard Steps
Step 1
Step 2
Step 3

Complete
Cancel

1 Workflow activated content types start on `workflow.edit()` rather than running the type edit handler. The workflow edit handler is only run on workflow instance creation.

2 Selecting from the list of predefined workflow definitions AJAXs in the list of associated task definitions. All tasks are selected by default, however, the user can elect to customise the workflow instance by removing tasks.

3 The `taskMethod` is related to the associated content type. So `taskMethod` is assigned to the task definition in advance of associating the workflow definition to a content type. Consequently it is possible to attach a `taskMethod` that is not available for the associated content. In this instance a warning is shown. Tasks with invalid methods are can still be completed but not actioned.

4 Completion date is metadata for escalation purposes only. This defaults to the associated workflow definition's `minToComplete` property plus `now()`.

Workflow: webTop Overview Draft

1 **DRAFT** **APPROVED**

Workflow Title

Lorem ipsum dolor sit amet consectetur nonummy lorenzino. Interdum volgus videt, est ubi peccat. Si veteres ita miratur laudatque poetas, ut nihil anteferat, nihil illis comparet, errat. Si quaedam nimis antique, s... ue dure dicere credit eos.

2 **1. Note label Note label** **3** Action Complete

Notes for this item. Lorem ipsum dolor sit amet.

2. Note label Note label Action Complete

Notes for this item. Lorem ipsum dolor sit amet.

3. Note label Note label Reopen

Notes for this item. Lorem ipsum dolor sit amet.

4 **4. Note label Note label** ⚠ Complete

Notes for this item. Lorem ipsum dolor sit amet.

Content Type webTopObjectOverview skin.

Main Actions

Misc Actions

- 1** Workflow Instance will be rendered using types.workflowOverview. This webskin is based on the underlying content type and not the workflow type. Thereby allowing individual overviews per content type, implementation of plugins and so on.
- 2** Task Instance will be rendered using types.taskOverview. This webskin is based on the underlying content type and not the task type. Thereby allowing individual overviews per content type, implementation of plugins and so on.
- 3** Task Actions will be rendered independently of the webskin. Three possible actions available depending on task state; action, complete or reopen task. If user doesn't have the relevant permissions no action will be shown.
- 4** If the underlying task webskin is missing complete/reopen actions will be provided with a warning icon indicating the associated content item does not have a matching taskMethod available.

Workflow: webTop Overview Pending

PENDING **APPROVED**

Workflow Title

Lorem ipsum dolor sit amet consectetur nonummy loremzino. Interdum volgus videt, est ubi peccat. Si veteres ita mira **1** datque poetas, ut nihil anteferat, nihil illis comparet, errat. Si quaedam nini **1** ue, si peraque dure dicere credit eos.

Preview **Approve Content**

- 1. Note label Note label**
Notes for this item. Lorem ipsum dolor sit amet. **Reopen**
- 2. Note label Note label**
Notes for this item. Lorem ipsum dolor sit amet. **2** **Reopen**
- 3. Note label Note label**
Notes for this item. Lorem ipsum dolor sit amet. **3** **Reopen**

Decline Content

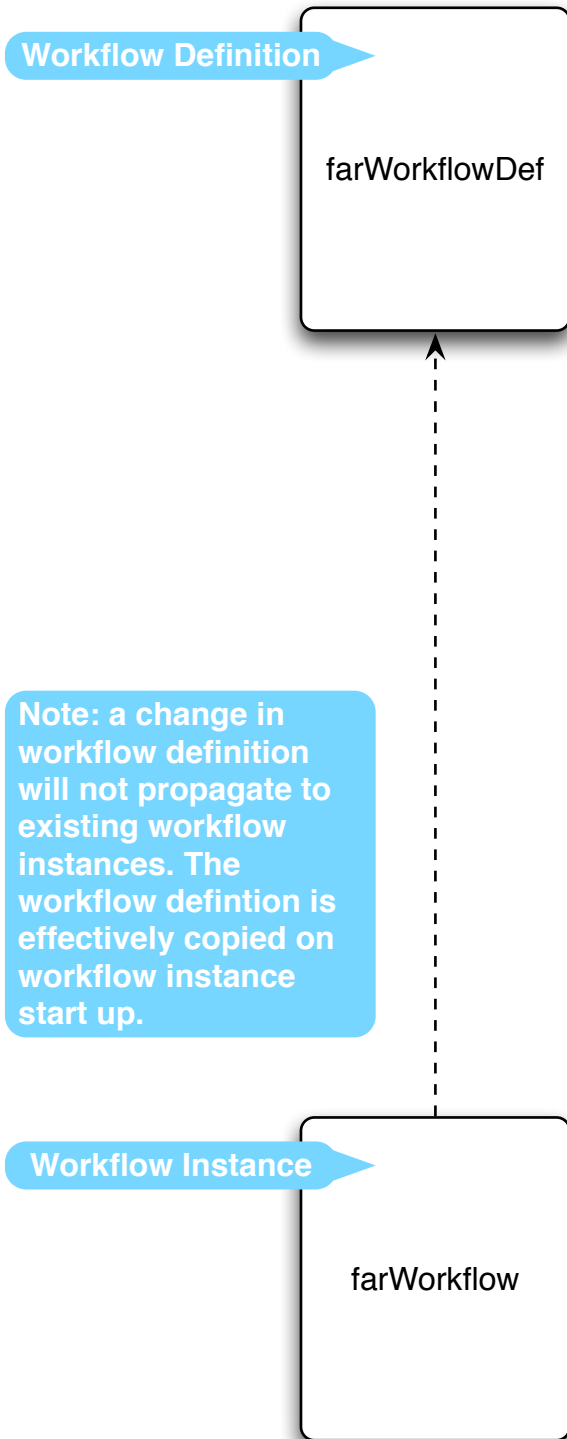
Content Type webTopObjectOverview skin.

Main Actions

Misc Actions

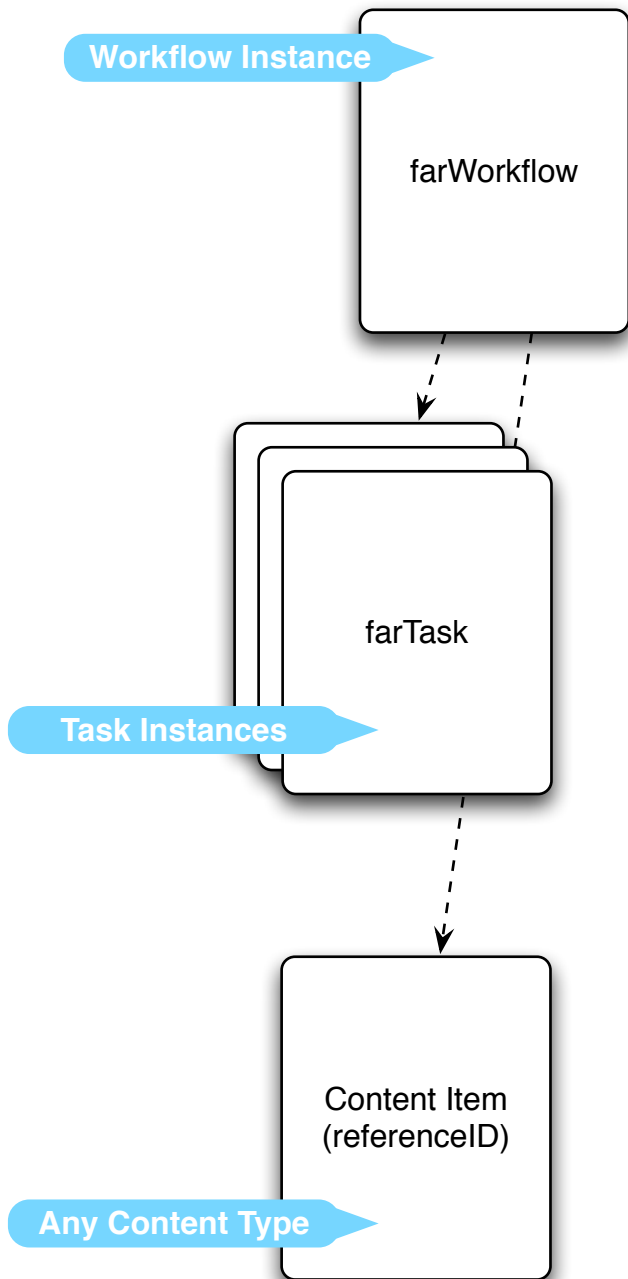
- 1** When the content item moves to pending status, the primary call to action is content approval. The associated workflow instance is flagged as complete. On approval the onEnd() event is fired a second time but with bComplete flagged as true.
- 2** Alternatively the approver can reopen tasks, comment and decline approval, thereby sending the content item back to draft. Clicking "reopen" would fire a modal dialogue asking for a comment and confirmation. The underlying tasks will not be updated until the entire workflow is declined.
- 3** The "Decline" option is disabled until at least one task is re-opened. Clicking "decline" would fire a modal dialogue asking for a comment and confirmation. On confirmation, the underlying tasks will be updated in addition to the associated content item being sent to draft.

Workflow Definition



Property	Description
title	Title of workflow template
description	Description of workflow template
aTaskDefs	An array of task definitions. These are the default tasks created for a workflow on start.
minToComplete	Minutes to complete. Default time for a specific workflow completion; triggers escalation if exceeded.
ITypenames	List of content types that can be assigned this workflow template.
workflowStart	Webskin to fire for workflow start event; defaults to types.workflowStart
workflowEnd	Webskin to fire for workflow end event; defaults to types.workflowEnd

Workflow Instance



Property

Description

workflowDefID

Reference to parent workflow definition (farWorkflowDef)

title

Title of workflow instance

description

Description of work to be performed

aTasks

An array of task instances that make up the workflow process

completionDate

Date of expected workflow completion. Defaults to now plus value of minToComplete

workflowStart

Used to alert task owners on workflow start. View on underlying content type.

workflowEnd

Used to process underlying content type and/or fire alerts on workflow completion. View on underlying content type.

referenceid

Reference to underlying content item.

Method

Description

onStart()

Runs default workflowStart webskin when workflow is created.

onTaskChange()

Event fires whenever an associated task changes. Checks to see if all tasks are complete; trigger for onEnd()

onEnd()

Runs default workflowEnd webskin when workflow is complete

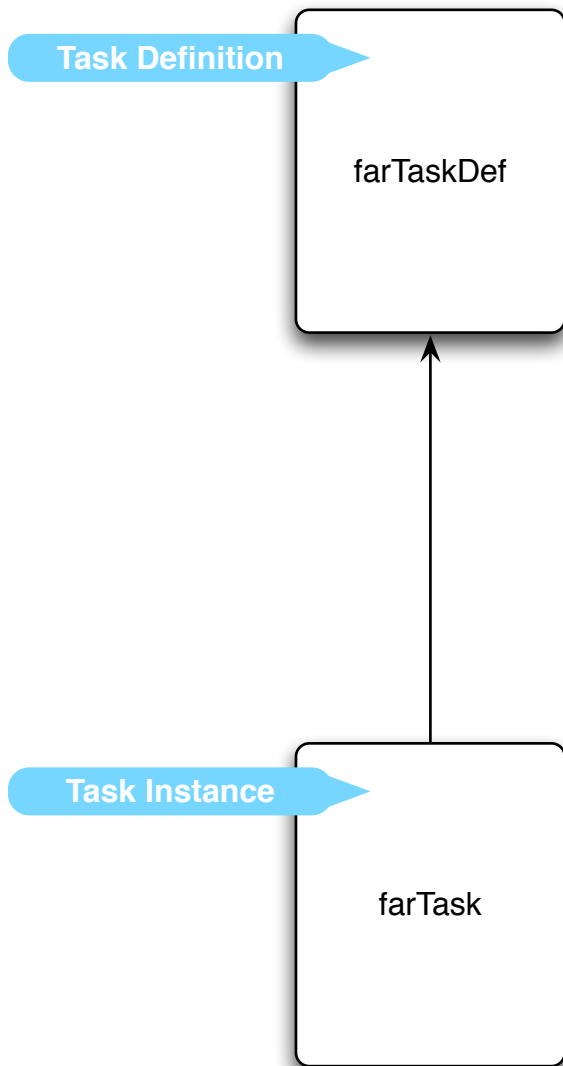
Webskin View

Description

edit

Standard edit handler fires only on workflow creation. Completing fires onStart()

Task Definition & Instance



Property	Description
title	Title of task template
description	Description of task template
taskWebskin	View to render on task activation; based on associated content type.

Property	Description
taskDefID	Reference to parent task definition (farTaskDef)
bComplete	Boolean for task completion

Method	Description
afterSave()	Runs workflow onTaskChange()