

S-RAMP Utility

Interaction Design

Date: 18 December 2012

Version: 1.5



About this document

This document contains ideas for the S-RAMP feature of the Governance project.

These exploratory wireframes are intended only to support the conversation about user stories agreed upon by Eng and PM. These wireframes do not indicate any specific implementation intent.

Project vision [DRAFT]

A user interface that will allow users to collect, reference and analyze their SOA artifacts for reuse in development. For this stage, we have the following goals:

- Provide an effective Front-end to the S-RAMP specification
- Create a UI that can be integrated into the larger Governance UI

Additional information:

- User Scenarios: <https://community.jboss.org/wiki/S-RAMPUserScenarios>

Document Change History

Date	Version Number	Author	Change Notes	Document Status
11-07-2012	0.3	Joe Sniezek	Version 3 of wireframes - first version using this template.	Revisions Needed
11-08-2012	0.4	Joe Sniezek	Changed "star" mechanism, removed needless buttons and dialogs, changed how filters are added.	Revisions Needed
11-12-2012	1.0	Joe Sniezek	Added actions for selected items.	Revisions Needed
11-21-2012	1.1	Joe Sniezek	Mainly added more workflow details on the ontology page, filters, and artifact page.	Revisions Needed
11-27-2012	1.2	Joe Sniezek	Touch-ups and better documentation	Revisions Needed
12-06-2012	1.3	Joe Sniezek	Improved: import, download, delete, artifact pages, property and ontology filter bulk actions, misc.	Revisions Needed
12-07-2012	1.4	Joe Sniezek	Changed property filter settings, added user activity feed page, misc.	Revisions Needed
12-18-2012	1.5	Joe Sniezek	Changed property filter settings again, added spec for editing an artifact's ontologies, misc. minor changes and commentary	Revisions Needed

The screenshot shows the S-RAMP Governance Utility web application. The interface includes a top navigation bar with a home icon (1), tabs for 'S-RAMP' (2) and 'Settings', and a user profile 'Joe S.' (3). Below the navigation bar is a search bar (4) and a filter section (5) with a star icon and a dropdown menu. The main content area displays a table of artifacts (6) with columns for Name, Description, Parent, Last Modified, and Actions. The table is sorted by Last Modified and shows 1-9 of 9 artifacts. The Actions column contains icons for copy (8), download (9), and delete (10). The filter section on the left includes options for 'Only show Favorites', 'Type' (XML), 'Date Created' (11/6/12 to 11/9/12), 'Date Last modified' (11/6/12 to 11/9/12), 'Created by' (D. Devito), 'Last modified by' (D. Devito), and 'Origin' (Any, Primary, Derived). A 'Clear filters' button (11) is located at the bottom of the filter section. The table (12) expands vertically as needed.

<input type="checkbox"/>	Name	Description	Parent	Last Modified	Star	Actions
<input checked="" type="checkbox"/>	Artifact 1	Neque porro quisquam...	-	1/10/12	Star	Copy Download
<input type="checkbox"/>	Artifact 2	quia dolor sit amet	-	11/3/11	Star	Copy Download
<input type="checkbox"/>	Artifact 3	Nunc tellus lacus, fringilla...	-	6/4/12	Star	Copy Download
<input type="checkbox"/>	Artifact 4	Sed ultricies condimentum...	Artifact 1	1/10/12	Star	Download
<input type="checkbox"/>	Artifact 5	Praesent dapibus sem sit...	-	8/9/10	Star	Copy Download
<input type="checkbox"/>	Artifact 6	Cras bibendum augue a...	-	4/17/11	Star	Copy Download
<input type="checkbox"/>	Artifact 7	Integer malesuada nisl...	-	4/19/11	Star	Copy Download
<input type="checkbox"/>	Artifact 8	Praesent pharetra nisl non...	Artifact 7	4/19/11	Star	Download
<input type="checkbox"/>	Artifact 9	Quisque quis leo ante, id...	Artifact 7	4/19/11	Star	Download

Repo Browser (Default View)

This is the main page of the S-RAMP utility. Users can find artifacts and take actions on them as a group or individually.

Notes

- 1 S-RAMP will be part of the overall governance UI - the top-level navigation is out of scope for this S-RAMP design
- 2 Artifact repository is the default view for S-RAMP
- 3 Search works within the constraints of the current filter parameters.
- 4 Save filter settings with the star and view/load saved filters with the dropdown.
- 5 Filter section: use these to narrow down the number of items in view. Works in tandem with the search field.
- 6 Default view is All Artifacts, sorted by Last Modified
- 7 Click artifact's name to view details.
- 8 Users can copy artifact links to their clipboard, for use in projects.
- 9 Copy global URL of artifact to clipboard.
- 10 Download artifact. Note: for derived artifacts, this means downloading the metadata only - not the content.
- 11 Deactivates filters and resets them to default states.
- 12 Table expands vertically as needed.

S-RAMP Utility

← → [Search Bar] Google

Governance Utility

Home [Progress Bar] S-RAMP Settings

Artifacts Ontologies

Search...

Actions [Dropdown] Import Artifacts...

1-9 of 9 artifacts

<input type="checkbox"/>	Name	Description	Parent	Last Modified	Star	Actions	...
<input checked="" type="checkbox"/>	Artifact 1	Neque porro quisquam...	-	1/10/12	☆	[Copy] [Paste] [Download]	
<input type="checkbox"/>	Artifact 2	quia dolor sit amet	-	11/3/11	☆	[Copy] [Paste] [Download]	
<input type="checkbox"/>	Artifact 3	Nunc tellus lacus, fringilla...	-	6/4/12	☆	[Copy] [Paste] [Download]	
<input type="checkbox"/>	Artifact 4	Sed ultricies condimentum...	Artifact 1	1/10/12	☆	[Download]	
<input type="checkbox"/>	Artifact 5	Praesent dapibus sem sit...	-	8/9/10	☆	[Copy] [Paste] [Download]	
<input type="checkbox"/>	Artifact 6	Cras bibendum augue a...	-	4/17/11	☆	[Copy] [Paste] [Download]	
<input type="checkbox"/>	Artifact 7	Integer malesuada nisl...	-	4/19/11	☆	[Copy] [Paste] [Download]	
<input type="checkbox"/>	Artifact 8	Praesent pharetra nisl non...	Artifact 7	4/19/11	☆	[Download]	
<input type="checkbox"/>	Artifact 9	Quisque quis leo ante, id...	Artifact 7	4/19/11	☆	[Download]	

Core Properties [Dropdown]

Ontologies [Dropdown]

Species (4 of 9 selected) [Dropdown]

Regions (120 of 120 selected) [Dropdown]

Clear filters

Custom Properties [Dropdown]

Ontology Filters

This shows the Ontology filters, which can be shown/hidden in the accordion pane through use of the traingle buttons.

Notes

- 1 This section shows a list of all ontologies. By default, all nodes in all ontologies are selected.
- 2 The number of items being filtered is shown in parentheses. In this example, "Species" is currently being used to filter data.
- 3 This button clears filtering in all ontologies. A cleared filter would simply show "X of X selected", where X is the total number of nodes in the Ontology (like the "Regions" Ontology is currently showing). By default, Ontology filters are cleared.

S-RAMP Utility

← → [Search Bar] Google

Governance Utility

Joe S. ✓

Artifacts Ontologies

Search...

Import Artifacts...

1-9 of 9 artifacts

description	Parent	Last Modified	☆	Actions	...
e porro quisquam...	-	1/10/12	☆	[Icons]	
dolor sit amet	-	11/3/11	☆	[Icons]	
tellus lacus, fringilla...	-	6/4/12	☆	[Icons]	
ultrices condimentum...	Artifact 1	1/10/12	☆	[Icons]	
sent dapibus sem sit...	-	8/9/10	☆	[Icons]	
bibendum augue a...	-	4/17/11	☆	[Icons]	
er malesuada nisl...	-	4/19/11	☆	[Icons]	
sent pharetra nisl non...	Artifact 7	4/19/11	☆	[Icons]	
que quis leo ante, id...	Artifact 7	4/19/11	☆	[Icons]	

Ontology Node Selector

This frame shows how a user would change an ontology filter.

Notes

- 1 Press arrow to pop out the Ontology node selector.
- 2 This control will have vertical and/or horizontal scrollbars if the content does not fit. The visible size of the control is fixed.
- 3 Click anywhere outside of the Ontology node selector to close it.

S-RAMP Utility

← → Search... Google

Governance Utility

Artifacts Ontologies

Search...

Import Artifacts...

1-9 of 9 artifacts

Description	Parent	Last Modified	Star	Actions
e porro quisquam...	-	1/10/12	Star	Copy, Paste, Download
dolor sit amet	-	11/3/11	Star	Copy, Paste, Download
tellus lacus, fringilla...	-	6/4/12	Star	Copy, Paste, Download
ultrices condimentum...	Artifact 1	1/10/12	Star	Download
sent dapibus sem sit...	-	8/9/10	Star	Copy, Paste, Download
bibendum augue a...	-	4/17/11	Star	Copy, Paste, Download
er malesuada nisl...	-	4/19/11	Star	Copy, Paste, Download
sent pharetra nisl non...	Artifact 7	4/19/11	Star	Download
que quis leo ante, id...	Artifact 7	4/19/11	Star	Download

Ontology Node Selector

This frame shows that a new filter has been added. By default, it is blank and unchecked.

Notes

- 1 Click "Select All" to enable all nodes
- 2 New number is reflected in main filter item

S-RAMP Utility

← → Search... Google

Governance Utility

Artifacts Ontologies

Search...

Import Artifacts...

1-9 of 9 artifacts

Core Properties

Ontologies

Species (0 of 9 selected)

Regions (120 of 120 selected)

Clear filters

Custom Properties

Species

+ ☐ Select All

- ☐ Species1

☐ SubSpecies1

☐ SubSpecies2

+ ☐ Species2

+ ☐ Species3

+ ☐ Species4

+ ☐ Species5

+ ☐ Species6

+ ☐ Species7

Description	Parent	Last Modified	☆	Actions	...
e porro quisquam...	-	1/10/12	☆	📄 📄 ⬇	
dolor sit amet	-	11/3/11	☆	📄 📄 ⬇	
tellus lacus, fringilla...	-	6/4/12	☆	📄 📄 ⬇	
ultrices condimentum...	Artifact 1	1/10/12	☆		⬇
sent dapibus sem sit...	-	8/9/10	☆	📄 📄 ⬇	
bibendum augue a...	-	4/17/11	☆	📄 📄 ⬇	
er malesuada nisl...	-	4/19/11	☆	📄 📄 ⬇	
sent pharetra nisl non...	Artifact 7	4/19/11	☆		⬇
que quis leo ante, id...	Artifact 7	4/19/11	☆		⬇

Ontology Node Selector

This frame shows that a new filter has been added. By default, it is blank and unchecked.

Notes

- 1 Click "Select All" again to disable all nodes. This means that any Artifact which is part of this ontology will be filtered out
- 2 Now, 0 of 9 are selected

S-RAMP Utility

← → [Search Bar] Google

Governance Utility

Home [Progress Bar] S-RAMP Settings

Artifacts Ontologies

Search...

☆ [Dropdown] Actions [Dropdown] Import Artifacts... 1-9 of 9 artifacts

Core Properties [Dropdown]

Ontologies [Dropdown]

Custom Properties [Dropdown]

Business Unit: Any [Dropdown]

Property2: [Text Field]

Property3: tacos [Text Field]

Property4: [Text Field]

Clear filters

<input type="checkbox"/>	Name	Description	Parent	Last Modified	☆	Actions	...
<input checked="" type="checkbox"/>	Artifact 1	Neque porro quisquam...	-	1/10/12	☆	[Icons]	
<input type="checkbox"/>	Artifact 2	quia dolor sit amet	-	11/3/11	☆	[Icons]	
<input type="checkbox"/>	Artifact 3	Nunc tellus lacus, fringilla...	-	6/4/12	☆	[Icons]	
<input type="checkbox"/>	Artifact 4	Sed ultricies condimentum...	Artifact 1	1/10/12	☆	[Icons]	
<input type="checkbox"/>	Artifact 5	Praesent dapibus sem sit...	-	8/9/10	☆	[Icons]	
<input type="checkbox"/>	Artifact 6	Cras bibendum augue a...	-	4/17/11	☆	[Icons]	
<input type="checkbox"/>	Artifact 7	Integer malesuada nisl...	-	4/19/11	☆	[Icons]	
<input type="checkbox"/>	Artifact 8	Praesent pharetra nisl non...	Artifact 7	4/19/11	☆	[Icons]	
<input type="checkbox"/>	Artifact 9	Quisque quis leo ante, id...	Artifact 7	4/19/11	☆	[Icons]	

Custom Property Filters

This frame shows the currently available custom property filters.

Notes

- 1 Available filters
- 2 Users may select a value or type one in. NOTE: these dropdowns may actually be simple text fields, at least in the first release.
- 3 Creating these filters is done in the settings tab.

The screenshot shows a web browser window titled "S-RAMP Utility". The page header includes a navigation bar with "S-RAMP" and "Settings" tabs, and a user profile "Joe S.". The main content area is titled "Custom Property Filters" and contains a list of filters on the left and a configuration form on the right. The list includes "Property1", "Business Units", "Property3", and "Property4", with a "+add filter" button. The configuration form for "Business Units" includes fields for "Field Name", "Field Description", and "Field Type". The "Field Type" section has two radio buttons: "Type-in Search Box" and "Pre-populated Dropdown". The "Pre-populated Dropdown" is selected, and it includes a "Dropdown Values" section with a "Populate from Existing" button and a text area for entering values. The "S-RAMP Server" section at the bottom has a text input field for the server address.

S-RAMP Utility

← → Google

Governance Utility S-RAMP Settings Joe S. ✓

Custom Property Filters

Enter custom property names to be used in the S-RAMP filter pane's "Custom Properties" section.

Property	Field Name	Field Description	Field Type	Dropdown Values
Property1	Business Units	Enter description	<input type="radio"/> Type-in Search Box <input checked="" type="radio"/> Pre-populated Dropdown	<input type="button" value="Populate from Existing"/> Enter values here. Use ',' or 'Enter' key to separate values.
Business Units				
Property3				
Property4				
<input type="button" value="+add filter"/>				

S-RAMP Server

Select the server to use for the S-RAMP repository.

Enter server address

Custom Property Filter Setup

This frame shows how a user would change the custom property filters inside the "Settings" page.

Notes

- 1 Governance/S-RAMP system settings
- 2 This is the list of currently specified custom property filters
- 3 Add a property filter using this button.
- 4 Allow user to specify a list of pre-set values to be used in the given property filter.
- 5 If "pre-populated" is selected, the user must enter a list of values to populate a dropdown for this property's filter.
- 6 This button retrieves all values related to the given property in the repository and auto-fills the list below.
- 7 Specifies whether to use a tool-tip for this filter, and the given text of that tool-tip.

S-RAMP Utility

← →

Google

Governance Utility

Joe S. ▾

Artifacts Ontologies

Search...

☆ ▾

Actions ▾

Import Artifacts...

1-9 of 9 artifacts

<input type="checkbox"/>	Name ▾	Description	Parent	Last Modified	☆	Actions	...
<input checked="" type="checkbox"/>	Artifact 1	Neque porro quisquam...	-	1/10/12	☆		
<input type="checkbox"/>	Artifact 2	quia dolor sit amet	-	11/3/11	☆		
<input type="checkbox"/>	Artifact 3	Nunc tellus lacus, fringilla...	-	6/4/12	☆		
<input type="checkbox"/>	Artifact 4	Sed ultricies condimentum...	Artifact 1	1/10/12	☆		
<input type="checkbox"/>	Artifact 5	Praesent dapibus sem sit...	-	8/9/10	☆		
<input type="checkbox"/>	Artifact 6	Cras bibendum augue a...	-	4/17/11	☆		
<input type="checkbox"/>	Artifact 7	Integer malesuada nisl...	-	4/19/11	☆		
<input type="checkbox"/>	Artifact 8	Praesent pharetra nisl non...	Artifact 7	4/19/11	☆		
<input type="checkbox"/>	Artifact 9	Quisque quis leo ante, id...	Artifact 7	4/19/11	☆		

Core Properties

☐ Only show Favorites

Type: XML ▾

Date Created: 11/6/12 to 11/9/12

Date last modified: 11/6/12 to 11/9/12

Created by: D. Devito ▾

Last modified by: D. Devito ▾

Origin:

☐ Any

☒ Primary

☐ Derived

Clear filters

Ontologies ▾

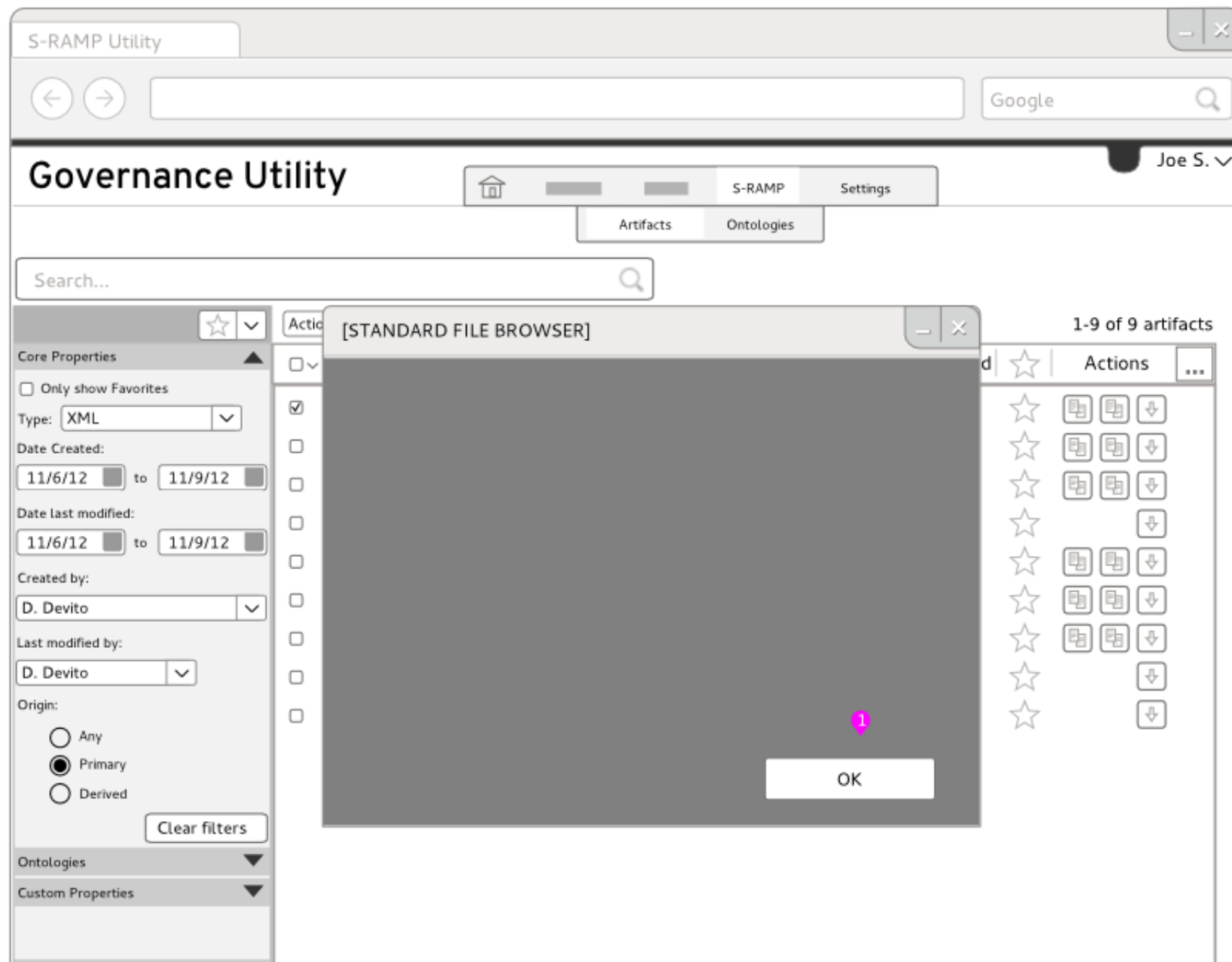
Custom Properties ▾

Import Artifacts: Open Dialog

Artifacts may be uploaded from this UI, or as part of a build process. The following frame depicts the manual upload process.

Notes

❗ Clicking import artifacts will open a standard file browser window. Users will be able to select multiple files for upload.



Import Artifacts: Browse Files

Use a standard file browser to choose files. Users will be able to select multiple files for upload.

Notes

- 1 Choose files and click "OK"

S-RAMP Utility

← → [Search Bar] Google

Governance Utility [Home] [S-RAMP] [Settings] [Artifacts] [Ontologies]

Search...

Core Properties

☐ Only show Favorites

Type: XML

Date Created: 11/6/12 to 11/9/12

Date last modified: 11/6/12 to 11/9/12

Created by: D. Devito

Last modified by: D. Devito

Origin:

☐ Any ☒ Primary ☐ Derived

Clear filters

Ontologies

Custom Properties

Import Verification

The following 15 items will be added to S-RAMP.

Note: to create a unique artifact, deselect the artifact's 'Link' button

Name	Type	Link	Version	Details
Jar_1.jar		<input checked="" type="checkbox"/>	1	
/ Artifact_X	XML	<input checked="" type="checkbox"/>	2	3 derived artifacts
/ Artifact_Y	WSDL	<input checked="" type="checkbox"/>	3	0 derived artifacts
/ Artifact_Z	-		-	Import failed
/ Artifact_A	XML		1	2 derived artifacts
/ Project1	JAR		1	16 derived artifacts
Jar_2.jar				
War_1.war				

Cancel Upload

Import Artifacts: Verify and Edit

Users will be presented with a verification screen before committing upload. In this example, the user selected 2 jar files and a war file. This screen will show: (an estimate of) derived artifacts that will be created, and whether any files could not be uploaded. We also provide the user with some options for the items to be uploaded.

Notes

1. Shows the number of artifacts that will successfully be created (including derived artifacts).
2. Organized by packages that artifacts came from.
3. Name is editable. Note: changing the name will unlink the item by default.
4. Click to unlink - this will create an artifact that is not associated with the previous artifacts of the same name. By default, this action will rename the new artifact.
5. A version higher than 1 indicates that we are creating a new version of an existing artifact. A version of 1 indicates a new artifact.
6. This artifact failed, and will not be uploaded

S-RAMP Utility

← →

Google

Governance Utility

Joe S. ▾

Artifacts Ontologies

Search...

Core Properties

☐ Only show Favorites

Type: XML ▾

Date Created: 11/6/12 to 11/9/12

Date last modified: 11/6/12 to 11/9/12

Created by: D. Devito ▾

Last modified by: D. Devito ▾

Origin:

☐ Any

☒ Primary

☐ Derived

Clear filters

Ontologies

Custom Properties

Import Verification

The following 15 items will be added to S-RAMP.

Note: to create a unique artifact, deselect the artifact's 'Link' button

Name	Type	Link	Version	Details
Jar_1.jar				
/ Artifact_X	XML		1	3 derived artifacts
/ Artifact_Y	WSDL		1	0 derived artifacts
/ Artifact_Z	-	-	-	Import failed
/ Artifact_A	XML		1	2 derived artifacts
/ Project1	JAR		1	16 derived artifacts
Jar_2.jar				
War_1.war				

Cancel Upload

Import Artifacts: Verify and Edit

This frame shows what happens when a user unlinks an Artifact.

Notes

- 1 Clicking the icon changes it's state.
- 2 This shows that it is the first version of the given artifact.
- 3 This warning is to show the user that they will be creating a duplicated name. A tool-tip will show up on mouse over, with the following content:

Warning: this name is already used by another artifact in the system. Consider renaming.

S-RAMP Utility

← → [Search Bar] Google [Search Icon]

Governance Utility [Home Icon] [Progress Bar] S-RAMP Settings

[Artifacts] [Ontologies] [Info Icon]

[Search...]

Core Properties

☐ Only show Favorites

Type: XML

Date Created: 11/6/12 to 11/9/12

Date last modified: 11/6/12 to 11/9/12

Created by: D. Devito

Last modified by: D. Devito

Origin:

☐ Any

☒ Primary

☐ Derived

[Clear filters]

Ontologies

Custom Properties

Import Verification

The following 15 items will be added to S-RAMP.

Note: to create a unique artifact, deselect the artifact's 'Link' button

Name	Type	Link	Version	Details
Jar_1.jar				
/ Artifact_X	XML		2	3 derived artifacts
Derived_1				
Derived_2				
Derived_3				
/ Artifact_Y_1	WSDL		1	0 derived artifacts
/ Artifact_Z	-	-	-	Import failed
/ Artifact_A	XML		1	2 derived artifacts
/ Project1	JAR		1	16 derived artifacts

[Cancel] [Upload]

of 9 artifacts

Actions

Import Artifacts: View Derived

This frame shows what happens when a user clicks the down arrow on an artifact.

Notes

1 Shows the list of derived artifacts.

The screenshot shows the S-RAMP Governance Utility web application. At the top, there's a browser window with the title 'S-RAMP Utility'. Below it, the application header includes a home icon, navigation tabs for 'Artifacts' and 'Ontologies', and a user profile 'Joe S.' with a dropdown arrow. A dark notification banner at the top right states '26 Artifacts successfully uploaded.' with a close button (X) and an 'Undo' button. Below the banner, a search bar is visible. The main content area features a sidebar on the left with 'Core Properties' (filters for Favorites, Type: XML, Date Created, Date last modified, Created by, Last modified by, and Origin) and a 'Clear filters' button. The main table displays a list of 9 artifacts, with the first one selected. The table columns are Name, Description, Parent, Last Modified, a star icon, and Actions. The artifacts listed are Artifact 1 through Artifact 9, with varying descriptions and parent relationships.

<input type="checkbox"/>	Name	Description	Parent	Last Modified	Star	Actions
<input checked="" type="checkbox"/>	Artifact 1	Neque porro quisquam...	-	1/10/12	☆	[Copy] [Move] [Download]
<input type="checkbox"/>	Artifact 2	quia dolor sit amet	-	11/3/11	☆	[Copy] [Move] [Download]
<input type="checkbox"/>	Artifact 3	Nunc tellus lacus, fringilla...	-	6/4/12	☆	[Copy] [Move] [Download]
<input type="checkbox"/>	Artifact 4	Sed ultricies condimentum...	Artifact 1	1/10/12	☆	[Download]
<input type="checkbox"/>	Artifact 5	Praesent dapibus sem sit...	-	8/9/10	☆	[Copy] [Move] [Download]
<input type="checkbox"/>	Artifact 6	Cras bibendum augue a...	-	4/17/11	☆	[Copy] [Move] [Download]
<input type="checkbox"/>	Artifact 7	Integer malesuada nisl...	-	4/19/11	☆	[Copy] [Move] [Download]
<input type="checkbox"/>	Artifact 8	Praesent pharetra nisl non...	Artifact 7	4/19/11	☆	[Download]
<input type="checkbox"/>	Artifact 9	Quisque quis leo ante, id...	Artifact 7	4/19/11	☆	[Download]

Import Artifacts: Confirm Upload

Once the user has passed the verification stage, files will be uploaded to S-RAMP. There will be a confirmation message, providing feedback to the user that the upload was successful

Notes

- 1 Message should persist unless a) the user closes it or b) the user navigates away from this page.
- 2 Close button
- 3 Undo - cancel upload. This action will disappear if the user navigates away from the page.
- 4 While the artifacts are in the process of being uploaded, this message will show the following:



S-RAMP Utility

← → [Search Bar] Google

Governance Utility

Joe S. ▾

Artifacts Ontologies

Search...

1-9 of 9 artifacts

Description	Parent	Last Modified	Star	Actions
Neque porro quisquam...	-	1/10/12	★	[Icons]
quia dolor sit amet	-	11/3/11	★	[Icons]
Nunc tellus lacus, fringilla...	-	6/4/12	★	[Icons]
Sed ultricies condimentum...	Artifact 1	1/10/12	★	[Icons]
Praesent dapibus sem sit...	-	8/9/10	★	[Icons]
Cras bibendum augue a...	-	4/17/11	★	[Icons]
Integer malesuada nisl...	-	4/19/11	★	[Icons]
Praesent pharetra nisl non...	Artifact 7	4/19/11	★	[Icons]
Quisque quis leo ante, id...	Artifact 7	4/19/11	★	[Icons]

Core Properties

☐ Only show Favorites

Type: XML ▾

Date Created: 11/6/12 to 11/9/12

Date last modified: 11/6/12 to 11/9/12

Created by: D. Devito ▾

Last modified by: D. Devito ▾

Origin:

☐ Any

☒ Primary

☐ Derived

Clear filters

Ontologies

Custom Properties

Artifact 3

Artifact 4

Artifact 5

Artifact 6

Artifact 7

Artifact 8

Artifact 9

Import Artifacts...

Actions

↓ Download Selected

★ Add to Favorites

+ Properties...

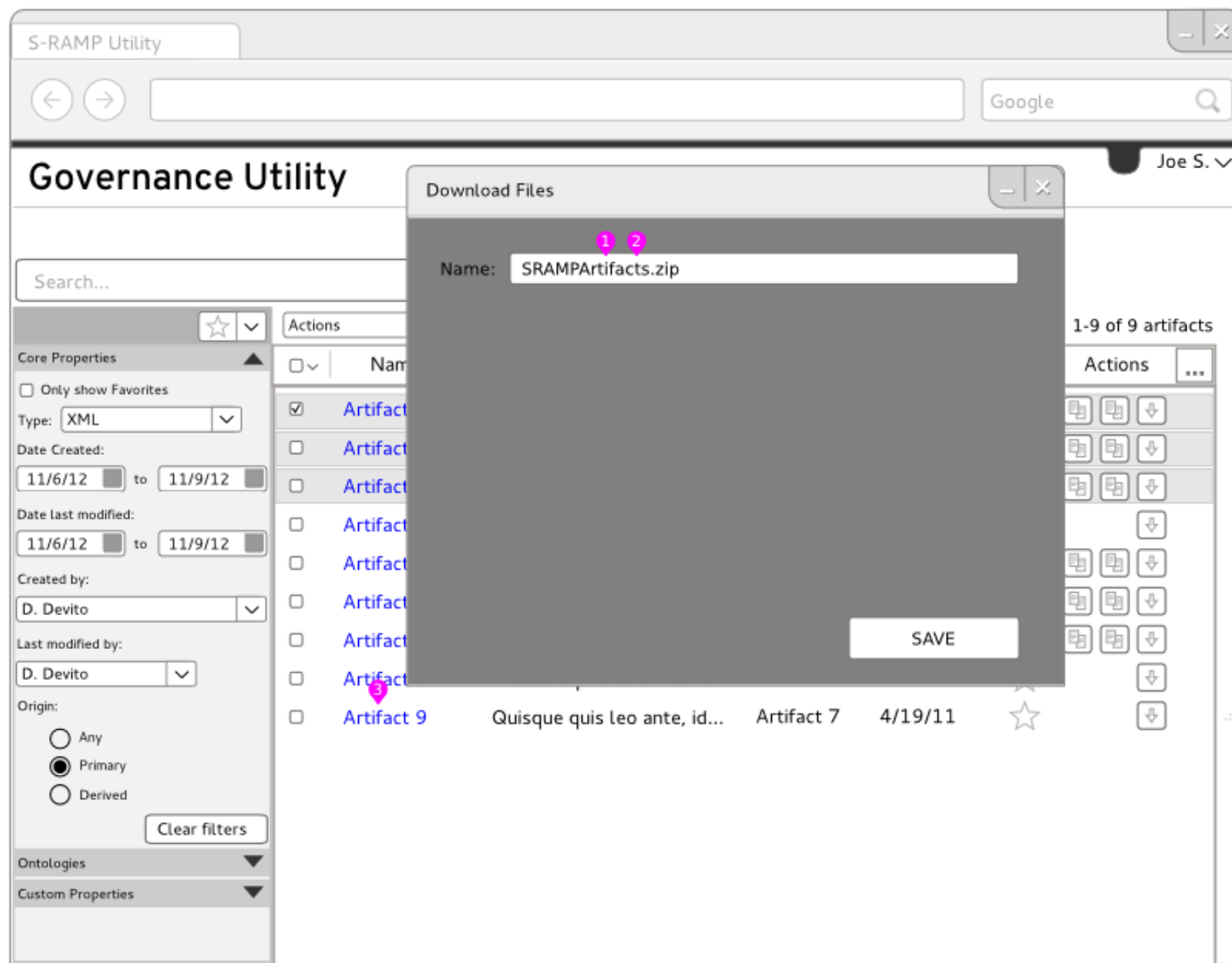
+ Ontologies...

Repo Browser: Actions

Artifacts can be downloaded from the browser screen by selecting them, then clicking the download options in the "actions" dropdown.

Notes

- 1 Action dropdown is used for bulk actions on selected artifacts in the table below.
- 2 Download selected (see next page)
- 3 "Star" selected items (see pg. 8.3)
- 4 Edit properties for selected items (see pg. 8.4)
- 5 Edit Ontologies for selected items (see pg. 8.5)



Actions: Download

Downloading items will bring up a standard file browser to save files to disk.

Notes:

- 1 When the user has selected multiple artifacts, a zip file will be created containing these artifacts and their SOA metadata.
- 2 If we are downloading multiple artifacts, the zip will have a generic name, such as "SRAMPartifacts.zip". Otherwise, we will default to the Artifact name.
- 3 For the case of derived artifacts, only their SOA metadata will be added to the zip - NOT their content.

S-RAMP Utility

← → [Search Bar] Google

Governance Utility [Home] [S-RAMP] [Settings]

[Artifacts] [Ontologies]

[Search...]

[Star Icon] [Actions] [Import Artifacts...] 1-9 of 9 artifacts

<input type="checkbox"/>	Name	Description	Parent	Last Modified	[Star Icon]	Actions
<input checked="" type="checkbox"/>	Artifact 1	Neque porro quisquam...	-	1/10/12	[Star Icon]	[Copy] [Download]
<input type="checkbox"/>	Artifact 2	quia dolor sit amet	-	11/3/11	[Star Icon]	[Copy] [Download]
<input type="checkbox"/>	Artifact 3	Nunc tellus lacus, fringilla...	-	6/4/12	[Star Icon]	[Copy] [Download]
<input type="checkbox"/>	Artifact 4	Sed ultricies condimentum...	Artifact 1	1/10/12	[Star Icon]	[Download]
<input type="checkbox"/>	Artifact 5	Praesent dapibus sem sit...	-	8/9/10	[Star Icon]	[Copy] [Download]
<input type="checkbox"/>	Artifact 6	Cras bibendum augue a...	-	4/17/11	[Star Icon]	[Copy] [Download]
<input type="checkbox"/>	Artifact 7	Integer malesuada nisl...	-	4/19/11	[Star Icon]	[Copy] [Download]
<input type="checkbox"/>	Artifact 8	Praesent pharetra nisl non...	Artifact 7	4/19/11	[Star Icon]	[Download]
<input type="checkbox"/>	Artifact 9	Quisque quis leo ante, id...	Artifact 7	4/19/11	[Star Icon]	[Download]

Core Properties

☐ Only show Favorites

Type: XML

Date Created: 11/6/12 to 11/9/12

Date last modified: 11/6/12 to 11/9/12

Created by: D. Devito

Last modified by: D. Devito

Origin:

☐ Any

☒ Primary

☐ Derived

Clear filters

Ontologies

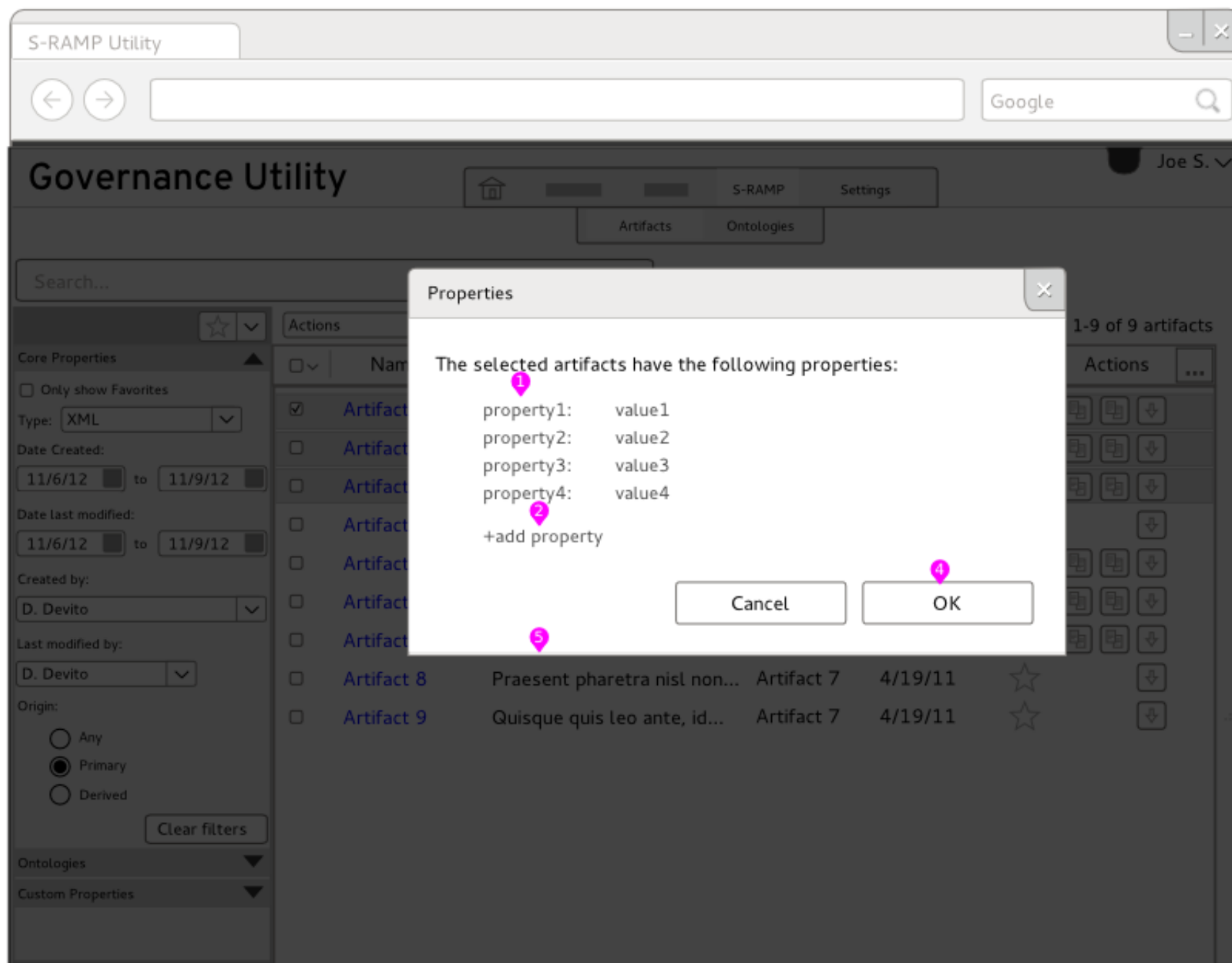
Custom Properties

Actions: Add to Favorites

After clicking on the "Add to Favorites" Action, selected items will be starred.

Notes

 Newly starred items



Actions: Properties

After the user has selected the "Properties" Action, the following view will pop-up.

Notes

- 1 COMMON properties for selected items.
- 2 Click this to add a new property.
- 3 Sequence for adding a property
- 4 OK applies changes and closes dialog.
- 5 Modal dialog can grow to be about square, at which point the property area will become a scroll area.

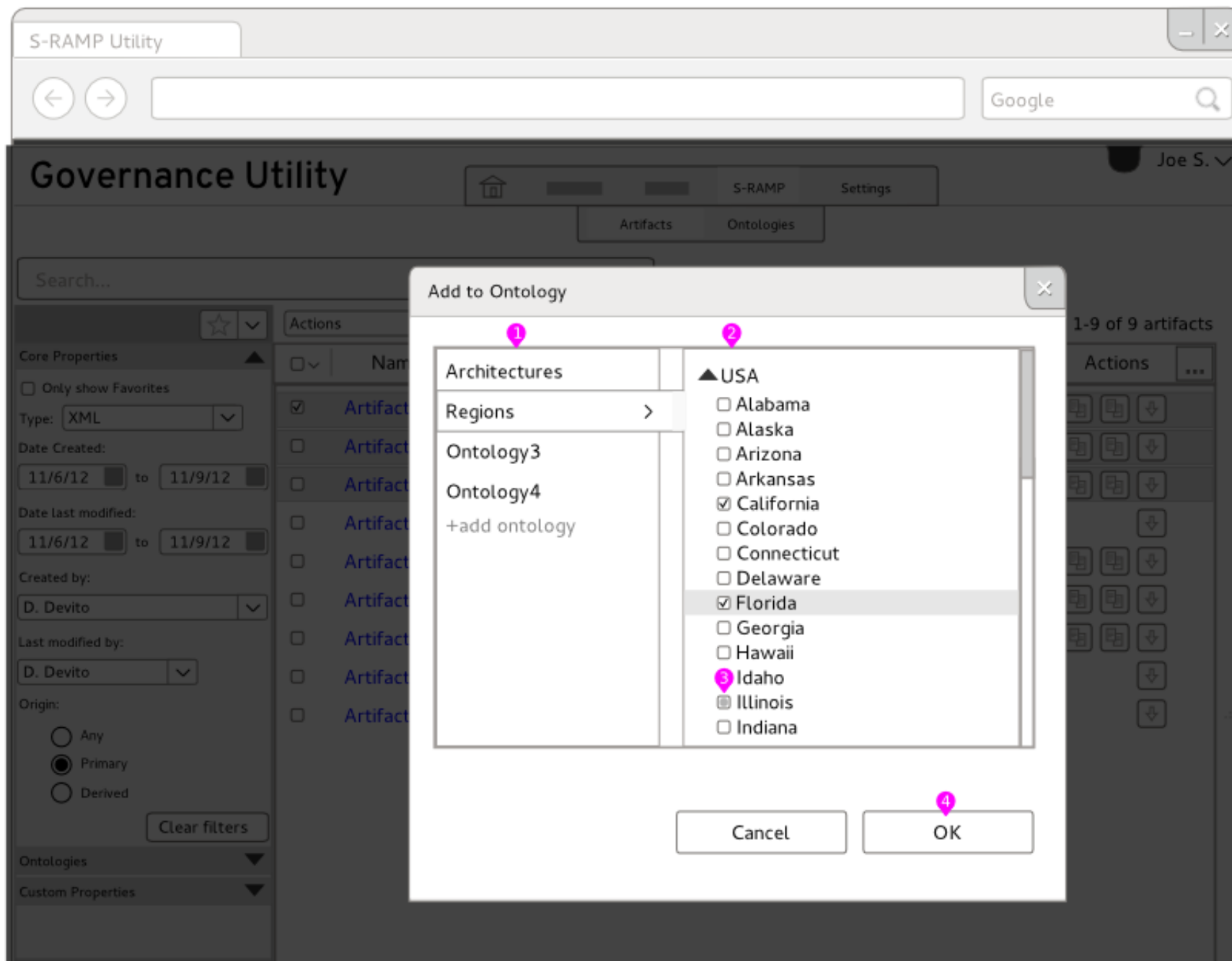
3
+add property

property... : value...

color : neon green

color: neon green

textboxes change back to fields when user clicks away or presses 'return'



Actions: Ontologies...

After the user has selected the "Ontologies" Action, the following view will pop-up.

Notes

- 1 Peruse the Ontologies.
- 2 Select/deselect nodes within the Ontologies.
- 3 This state represents that SOME of the selected artifacts have this classification. User can either apply the property to all, clear it for all, or leave it as it is.
- 4 Press OK to apply.

S-RAMP Utility

← → [Search] Google

Governance Utility Joe S. ▾

Artifacts Ontologies

Artifact 1 V 1.1.2 Actions ▾

derived from: [Master_Artifact0](#)

Overview Activity Feed Relationships Source History

Links:

Library link: xxxxx-xxxx-xxxxx/media [icon]
Full URL: https://www.redhat-sramp.com/s-ramp/xxxxx-xxxx-xxxxx/media [icon]

Core Properties:

file type: XSD
UUID: 54309-1484-84089
artifact type: derived
date created: 12/7/12 by: [Danny Devito](#)
last modified: 12/7/12 by: [Danny Devito](#)

Custom Properties:

property1: / value1 [x]
property2: / value2 [x]
+add property

Ontologies:

architectures: iOS
regions: USA, Arkansas, Puerto Rico, Hawaii
[edit...](#)

Artifact Page: Overview

View the overview details of an artifact

Notes

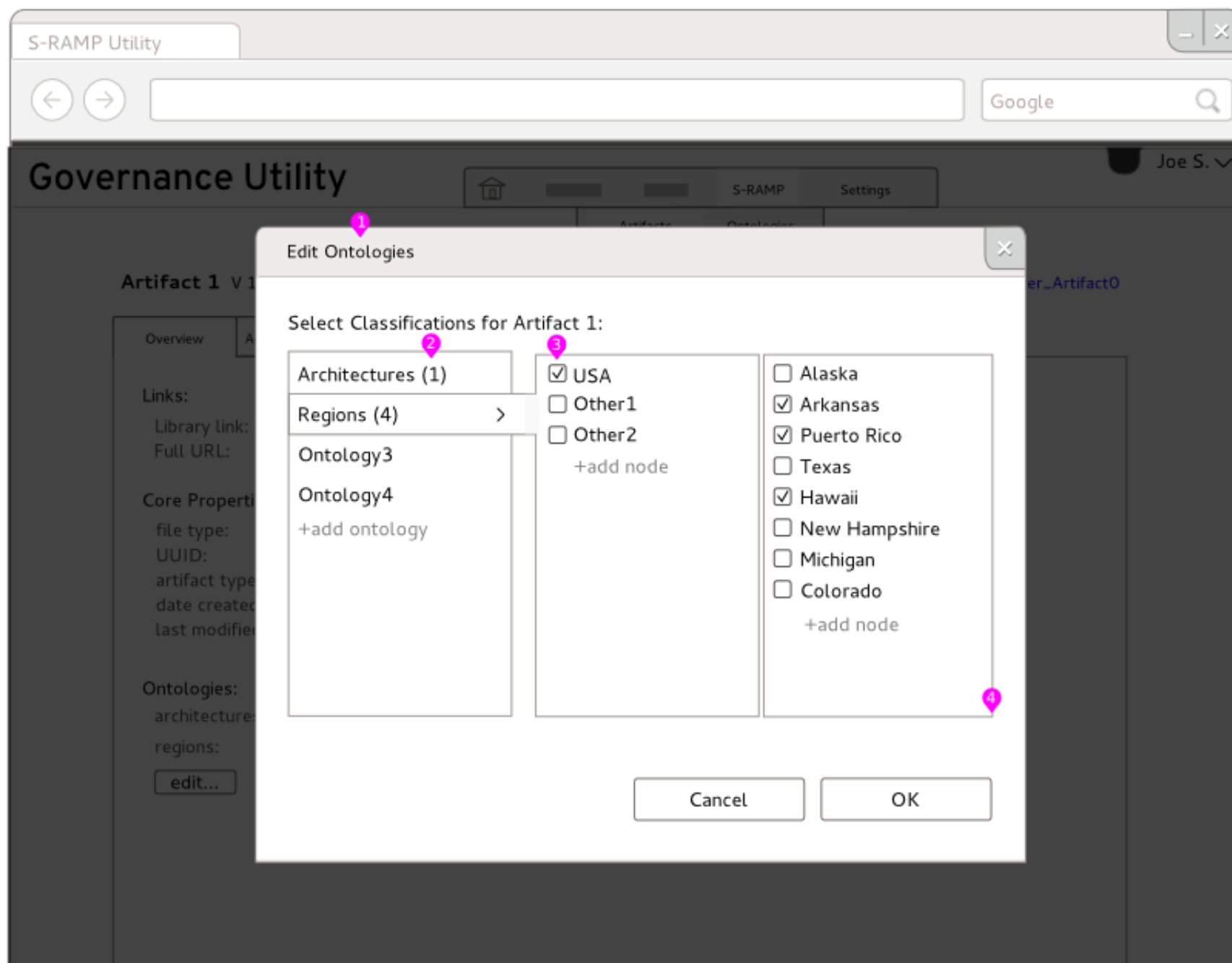
- 1 Name and version
- 2 Tab area: properties is the first tab and default in view.
- 3 Text fields can be renamed in-line (see sequence below).
- 4 Clicking this 'x' will delete both the property and value.
- 5 Additional properties can be added using this button.
- 6 Click 'edit' to change Ontology classifications (pg. 9.2)
- 7 "derived from" is only displayed if the Artifact is actually a derived artifact

2 / value1 Click "edit..."

[value1] Area turns to a text box.

Las Vegas Start typing

/ Las Vegas Click anywhere outside the box to submit change.



Artifact Page: Edit Classifications

Edit the classifications of an artifact

Notes

- 1 Selecting the 'edit' button will show this modal dialog.
- 2 This number represents the selected classifications.
- 3 Check the boxes to add classifications
- 4 This area will become scrollable (vertical and horizontal) as needed.

The screenshot shows a web browser window titled "S-RAMP Utility". The browser's address bar is empty, and the search bar contains "Google". The page header is "Governance Utility" with a navigation bar containing "Home", "S-RAMP", and "Settings". Below this is a sub-navigation bar with "Artifacts" and "Ontologies". The main content area is titled "Artifact 1 V 1.1.2" with an "Actions" dropdown menu. To the right, it says "derived from: Master_Artifact0". Below the title is a tabbed interface with "Overview", "Activity Feed", "Relationships", "Source", and "History". The "Activity Feed" tab is selected, showing a list of news items in reverse chronological order. The first item is by Ronald Regan, dated 1/3/13 2:55 PM, titled "Downloaded Artifact 1 V 1.1". The second item is by Martha Stewart, dated 12/24/12 10:54 AM, titled "Uploaded Version 1.1 of Artifact 1" with a description: "This service has been changed to accomodate the needs of the marketing department. See log for details." The third item is by Danny Devito, dated 12/7/12 8:11 AM, titled "Created Artifact 1 V 1.0" with a description: "I made this thing." Two callout boxes are present: a pink box with a "1" pointing to the "Activity Feed" tab, and a pink box with a "2" pointing to the first news item.

S-RAMP Utility

Governance Utility

Home S-RAMP Settings

Artifacts Ontologies

Artifact 1 V 1.1.2 Actions derived from: Master_Artifact0

Overview Activity Feed Relationships Source History

Ronald Regan
Downloaded Artifact 1 V 1.1
1/3/13 2:55 PM

Martha Stewart
Uploaded Version 1.1 of Artifact 1
"This service has been changed to accomodate the needs of the marketing department. See log for details."
12/24/12 10:54 AM

Danny Devito
Created Artifact 1 V 1.0
"I made this thing."
12/7/12 8:11 AM

Artifact Page: News Feed

View the news feed of an artifact

Notes

- 1 This is the News Feed tab
- 2 Time-stamped news items in reverse cronological order

The screenshot shows the S-RAMP Utility web application. The main header is "Governance Utility" with navigation links for "Artifacts" and "Ontologies". The user "Joe S." is logged in. The interface displays details for "Artifact 1 V 1.1.2", which is derived from "Master_Artifact0". The "Relationships" tab is selected, showing a table of relationships. The table has columns for Name, Description, Last Modified, and Actions. The relationships are categorized into Parent, Children, Referenced by, Dependencies, and Other Rel Type 1. The table is scrollable, as indicated by the pink callout 5.

Artifact 1 V 1.1.2 Actions ▼ derived from: [Master_Artifact0](#)

Overview Activity Feed Relationships Source History

Name ▼	Description	Last Modified	Actions
Parent			
Master_Arti...	Neque porro quisquam...	1/10/12	
Children			
Artifact 2	quia dolor sit amet	11/3/11	
Artifact 3	Nunc tellus lacus, fringilla...	6/4/12	
Referenced by			
Artifact 4	Sed ultricies condimentum...	1/10/12	
Dependencies			
Artifact 5	Praesent dapibus sem sit...	8/9/10	
Artifact 6	Cras bibendum augue a...	4/17/11	
Artifact 7	Integer malesuada nisl...	4/19/11	
Artifact 8	Praesent pharetra nisl non...	4/19/11	
Other Rel Type 1			
Artifact 76	fgdr dledfda nfl...	4/10/11	

Artifact Page: Relationships

View the relationship details of an artifact

Notes

- 1 Relationships tab
- 2 Table of relationships
- 3 Sections will appear when they exist
- 4 Other relationship types will appear below, if they exist.
- 5 Page is scrollable, if needed.

The screenshot shows a web browser window titled "S-RAMP Utility". The address bar is empty, and the search bar contains "Google". The main header of the application is "Governance Utility" with a user profile "Joe S." and a dropdown arrow. Below the header, there are navigation tabs: "Artifacts" and "Ontologies". The "Artifacts" tab is selected, showing "Artifact 1 V 1.1.2" with an "Actions" dropdown menu. To the right, it says "derived from: [Master_Artifact0](#)". Below this, there are five sub-tabs: "Overview", "Activity Feed", "Relationships", "Source", and "History". The "Source" tab is selected, indicated by a pink circle with the number 1. The "Source" tab content shows a numbered list of XML elements, with the "Source" tab itself highlighted by a pink circle with the number 2. The XML content is as follows:

```
1. <xml>
2. <something>
3.   <level2a>dog1</level2a>
4.   <level2b>dog2</level2b>
5.   <level2c>dog3</level2c>
6.   <somethingelse>
7.     <level3a>cat1</level3a>
8.     <level3b>cat2</level3b>
9.   </somethingelse>
10. </something>
11. </xml>
```

Artifact Page: Source

View the source of an artifact

Notes

- 1 Source tab
- 2 Numbered source viewer

The screenshot shows a web browser window titled "S-RAMP Utility". The main header is "Governance Utility" with a navigation bar containing "Artifact Repo" and "Ontologies". The user "Joe S." is logged in. The main content area displays "Artifact 1 V 1.1.2" with an "Actions" dropdown and a note "derived from: Master_Artifact0". Below this is a tabbed interface with "Overview", "Activity Feed", "Relationships", "Source", and "History". The "History" tab is active, showing a table of artifact versions. The table has columns for "Version", "Description", and "Last Modified". The versions listed are 1.1.2 (highlighted with a pink circle 2), 1.1.1 (highlighted with a pink circle 3), and 1.0. A pink circle 1 points to the "History" tab itself.

Version	Description	Last Modified
1.1.2	Neque porro quisquam...	1/10/12
1.1.1	quia dolor sit amet	11/3/11
1.0	Nunc tellus lacus, fringilla...	6/4/12

Artifact Page: History

The history page shows all the versions of this Artifact in the S-RAMP repository.

Notes

- 1 Table of Artifact Versions
- 2 Currently viewed artifact
- 3 Other versions - links to their individual pages.

S-RAMP Utility

Governance Utility

Joe S. ✓

Artifact Repo Ontologies

Artifact 1 V 1.1.2 derived from: [Master_Artifact0](#)

Actions

- Download
- Add to Favorites

Overview Activity Feeds Source History

Version▼	Description	Last Modified
1.1.2	Neque porro quisquam...	1/10/12
1.1.1	quia dolor sit amet	11/3/11
1.0	Nunc tellus lacus, fringilla...	6/4/12

Derived Artifact Page: Actions

available Actions for derived artifacts

Notes

- 1 Actions dropdown
- 2 "Download": See pg. 8.2
- 3 "Add to Favorites": See pg. ____

S-RAMP Utility

Governance Utility

Joe S. ✓

Artifact Repo Ontologies

Master_Artifact0 V 1.1.2

Overview Activity Feed Relations History

Actions

- Download
- Add to Favorites
- Delete Artifact

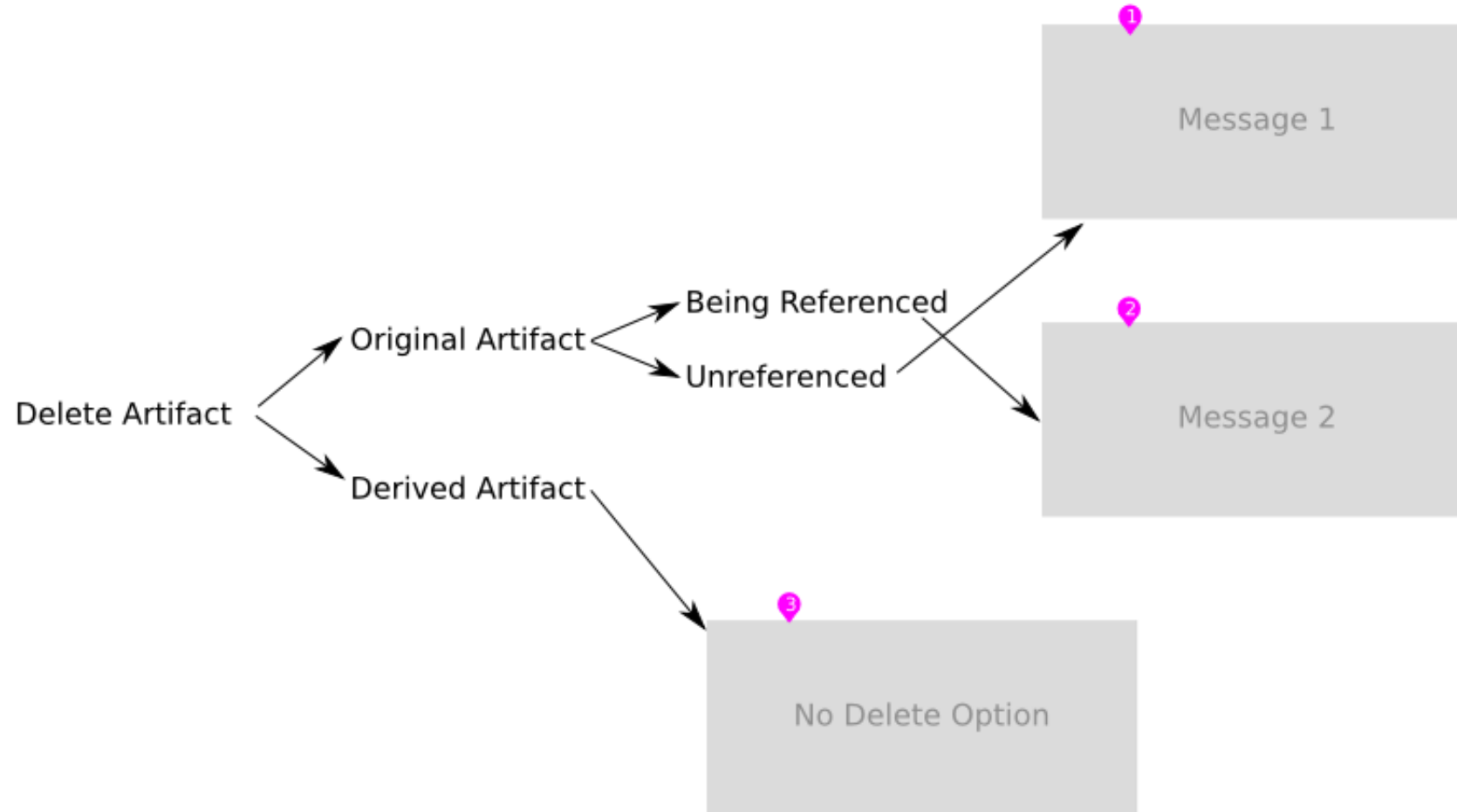
Version▼	Description	Last Modified
1.1.2	Neque porro quisquam...	1/10/12
1.1.1	quia dolor sit amet	11/3/11
1.0	Nunc tellus lacus, fringilla...	6/4/12

Primary Artifact Page: Actions

available Actions for primary artifacts

Notes

- 1 Actions dropdown
- 2 "Download": See pg. 8.2
- 3 "Add to Favorites": See pg. ____
- 4 "Delete Artifact": See pg. 9.9 - 9.12



Delete Artifact: Possible Cases

There are 3 cases, depending on the following information.

Notes

- 1 Delete unreferenced Original - confirmation
- 2 Delete referenced artifact - warn user
- 3 Delete unreferenced Derived - impossible action

S-RAMP Utility

← → [Search Bar] Google

Governance Utility Joe S. ▾

Artifact Repo Ontologies

Artifact 1 V 1.1.2 Actions

Overview Activity Feed Relations

1. <xml>
2. <something>
3. <level2a>dog1</level2a>
4. <level2b>dog2</level2b>
5. <level2c>dog3</level2c>
6. <somethingelse>
7. <level3a>cat1</level3a>
8. <level3b>cat2</level3b>
9. </somethingelse>
10. </something>
11. </xml>

Delete Artifact

Are you sure you want to delete Artifact 1?
Deleting Artifact 1 will also remove it's 25 derived articats:

Name	Description
Derived 1	sfdakj dfgotr
Derived 2	dgf jhg a
Derived 3	fghfghdf fd hdfj
Derived 4	nf dfgotr
Derived 5	nsg fds
Derived 6	shgf nt jh fsnfjgu sbfs
Derived 7	gfs tr mstytsjtn
Derived 8	uyd tsdsy s
Derived 9	syt nss

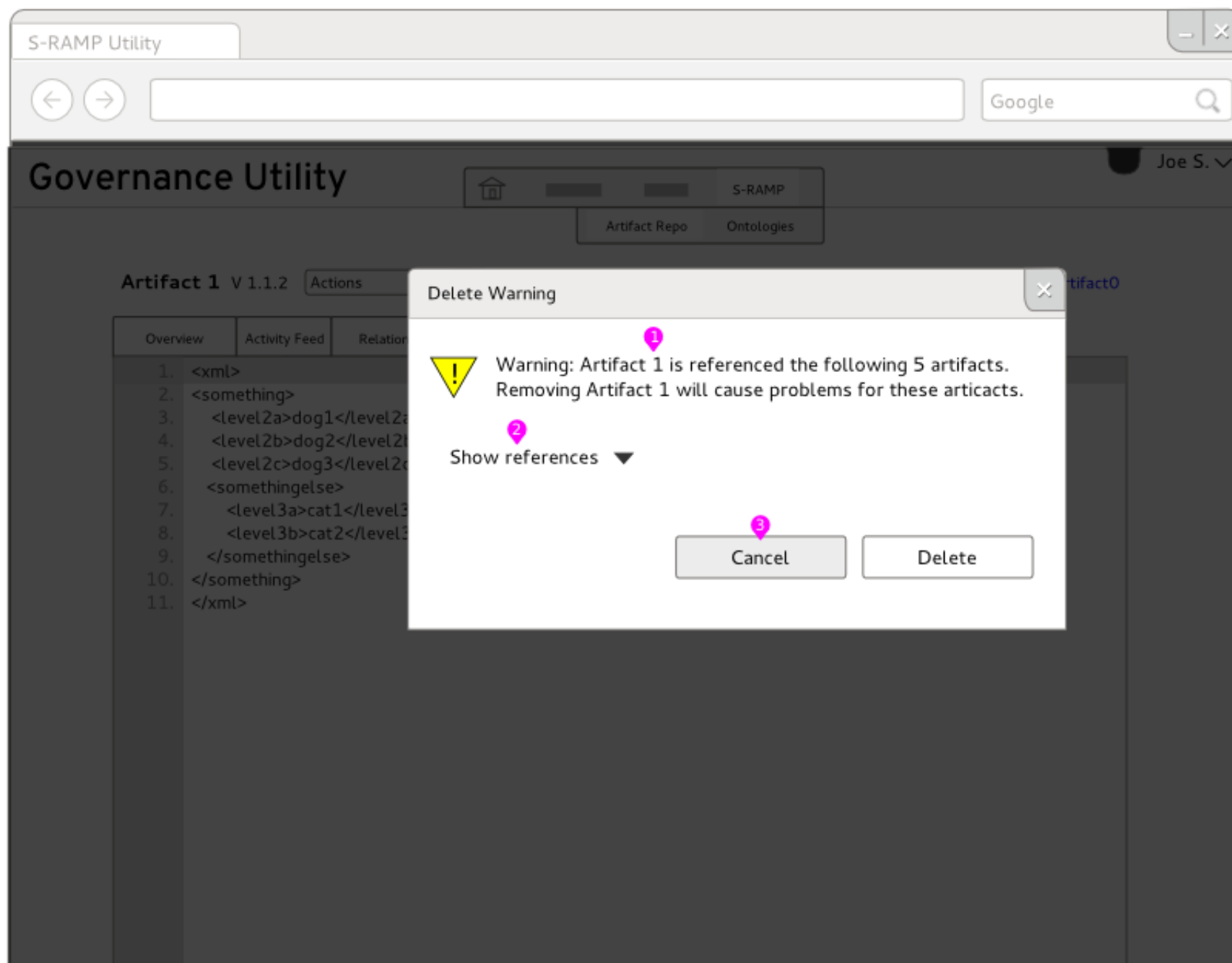
Cancel Delete

Delete (1): Primary, Unreferenced

Delete a primary, unreferenced artifact.

Notes

- 1 List of derived artifacts that will also be deleted.
- 2 Fixed height table with scrolling.



Delete (2): Reference Warning

Delete an artifact that is referenced by other artifacts. Warn users that this is probably a bad idea.

Notes

- 1 Failure message.
- 2 User can expand to see referenced artifacts.
- 3 Cancel should be highlighted.

The screenshot shows the S-RAMP Utility Governance Utility interface. A 'Delete Warning' dialog box is open, displaying a warning message and a table of referenced artifacts. The background interface includes a search bar, navigation tabs for 'Artifact Repo' and 'Ontologies', and a table for 'Artifact 1 V 1.1.2' with columns 'Overview', 'Activity Feed', and 'Relations'. The 'Overview' tab is active, showing an XML structure.

Delete Warning

Warning: Artifact 1 is referenced the following 5 artifacts. Removing Artifact 1 will cause problems for these artifacts.

Name	Type	Description
Dog	XML	sfdakj dfgotr
Avocado	XML	dgf jhg a
Spaceship	XML	fghfghdf fd hdfj
Grape	XML	nf dfgotr
Catamaran	XML	nsq fds

Cancel Delete

Delete (2): Reference Warning

Delete an artifact that is referenced by other artifacts. Warn users that this is probably a bad idea.

Notes

- 1 Table of referenced artifacts
- 2 Fixed height table with scrolling.

The screenshot shows a web browser window titled "S-RAMP Utility". The address bar is empty, and there is a Google search bar on the right. The main header of the application is "Governance Utility". Below the header, there is a navigation bar with a home icon, a "S-RAMP" menu item (highlighted with a red circle), and a "Settings" link. Below the navigation bar, there are two tabs: "Artifacts" and "Ontologies". The "Artifacts" tab is active, showing "Artifact 1 V 1.1.2". To the right of the artifact name is an "Actions" dropdown menu. Below the artifact name, it says "derived from: Master_Artifact0". The main content area has five tabs: "Overview", "Activity Feed", "Relationships", "Source", and "History". The "Overview" tab is active, showing the following information:

Links:
Library link: [xxxxx-xxxx-xxxxx/media](#)
Full URL: <https://www.redhat-sramp.com/s-ramp/xxxxx-xxxx-xxxxx/media>

Core Properties:
file type: XSD
UUID: 54309-1484-84089
artifact type: derived
date created: 12/7/12 by: [Danny Devito](#)
last modified: 12/7/12 by: [Danny Devito](#)

Custom Properties:
property1: / value1 x
property2: / value2 x
+add property

Ontologies:
architectures: iOS
regions: USA, Arkansas, Puerto Rico, Hawaii
[edit...](#)

Ontologies: Menu Item

Ontologies can be accessed by the menu item 

The screenshot shows a web browser window titled "S-RAMP Utility". The browser's address bar is empty, and the search bar contains "Google". The page header is "Governance Utility" with a navigation bar containing "Artifacts" and "Ontologies". The "Ontologies" tab is selected. The main content area is divided into three panels. The left panel, labeled "1", contains a list of ontologies: "Architectures", "Regions", "Ontology3", "Ontology4", and "+add ontology". The middle panel, labeled "2", shows the "USA" ontology selected, with a list of nodes: "Other1", "Other2", and "+add node". The right panel, labeled "3", shows a list of US states: "Alaska", "Arkansas", "Puerto Rico", "Texas", "Hawaii", "New Hampshire", "Michigan", "Colorado", "Et cetera", and "+add node". The user "Joe S." is logged in, as indicated by the "Joe S. v" dropdown in the top right corner.

S-RAMP Utility

← → [Search Bar] Google

Governance Utility [Home] [S-RAMP] [Settings]

Artifacts Ontologies

1 Architectures
Regions
Ontology3
Ontology4
+add ontology

2 / USA x
Other1
Other2
+add node

3 Alaska
Arkansas
Puerto Rico
Texas
Hawaii
New Hampshire
Michigan
Colorado
Et cetera
+add node

Joe S. v

Ontologies Page

This is where users can create and edit ontologies.

Notes

- 1 Main list of ontologies (regions is selected)
- 2 Top level of region ontology
- 3 A second level of region ontology

The screenshot shows the S-RAMP Utility web application. The browser window has a tab labeled "S-RAMP Utility" and a search bar with "Google". The application header is "Governance Utility" with a user profile "Joe S." and navigation tabs for "Artifacts" and "Ontologies". The main content area displays a hierarchical ontology structure:

- Architectures
 - Regions >
 - Ontology3
 - Ontology4
 - +add ontology
- USA
 - Other1
 - Other2
 - +add node
- Alaska
- Arkansas
- Puerto Rico
- / Texas x
- Hawaii
- New Hampshire
- Michigan
- Colorado
- Et cetera
- +add node

- +add node

Two callout boxes highlight specific features:

- 1 "Texas" is selected.
- 2 "Ghost" level appears, user may add new sub-nodes

Exploring Ontologies

Users can delve deeper into the ontology and add levels

Notes

- 1 "Texas" is selected.
- 2 "Ghost" level appears, user may add new sub-nodes

The screenshot shows the S-RAMP Utility web application. The browser window has a title bar with "S-RAMP Utility" and standard navigation buttons. Below the browser window is the application header with "Governance Utility" on the left and a user profile "Joe S." with a dropdown arrow on the right. The main content area has a navigation bar with "Artifacts" and "Ontologies" tabs. The "Ontologies" tab is active, displaying a hierarchical tree structure. The tree has three levels: "Architectures" (with "Regions" and "Ontology3", "Ontology4" and a "+add ontology" button), "USA" (with "Other1", "Other2", and a "+add node" button), and "Texas" (with "Alaska", "Arkansas", "Puerto Rico", "Hawaii", "New Hampshire", "Michigan", "Colorado", "Et cetera", and a "+add node" button). A red callout box with a "1" points to the "+add node" button, and a red callout box with a "2" points to the text input field above it.

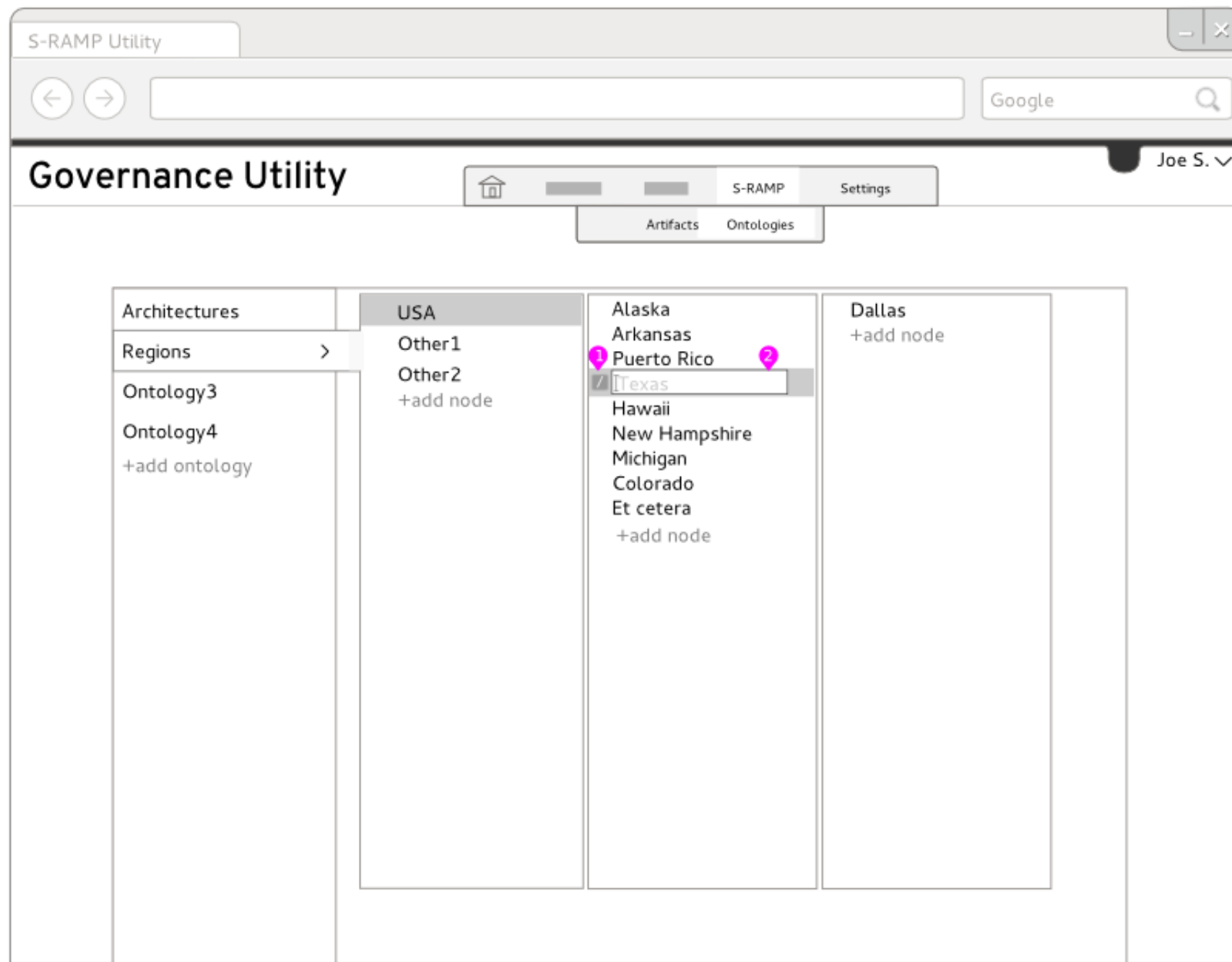
Architectures	USA	Texas
Regions >	Other1	Alaska
Ontology3	Other2	Arkansas
Ontology4	+add node	Puerto Rico
+add ontology		/ Texas x
		Hawaii
		New Hampshire
		Michigan
		Colorado
		Et cetera
		+add node

Adding Nodes and Levels

Users may add items and levels within the context of the table.

Notes

- 1 Clicking on "add node" will turn the field into a text box
- 2 The "add node" button will move down to the next line

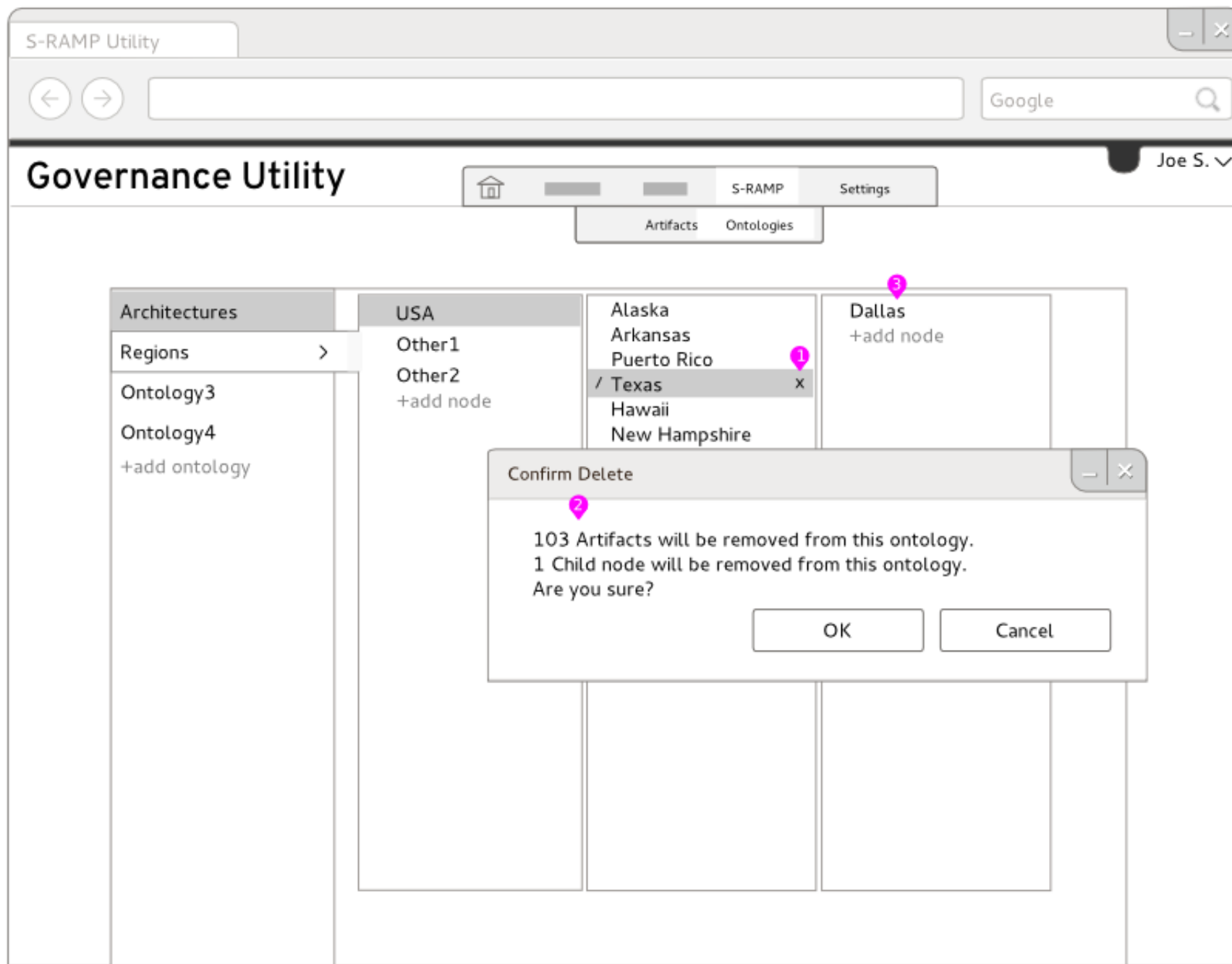


Edit Ontology Node Name

Nodes can be renamed inline.

Notes

- 1 Clicking on the pencil changes the field to a textbox. The pencil is a toggle button, and clicking it again will cancel the edit.
- 2 Removing input focus for the field will have 2 possible results:
 - A) If user did not enter text, the old name will stay
 - B) If the user entered text, the name will be replaced



Delete an Ontology Node

This is where users can create and edit ontologies.

Notes

- 1 Clicking the X will have 2 possible results:
A) Delete node if there are no references to it (or it's children)
B) Otherwise, show confirmation message.
- 2 Confirmation message shows the number of references (Artifacts and child nodes, as applicable)
- 3 If confirmed, all child nodes will also be removed.

S-RAMP Utility

Governance Utility

Artifacts Ontologies

Architectures

Regions >

Ontology3

Ontology4

+add ontology

USA

Other1

Other2

+add node

Alaska

Arkansas

Puerto Rico

/ Texas x

Hawaii

New Hampshire

Michigan

Colorado

Et cetera

+add node

+add node

Joe S. v

Activities

Preferences

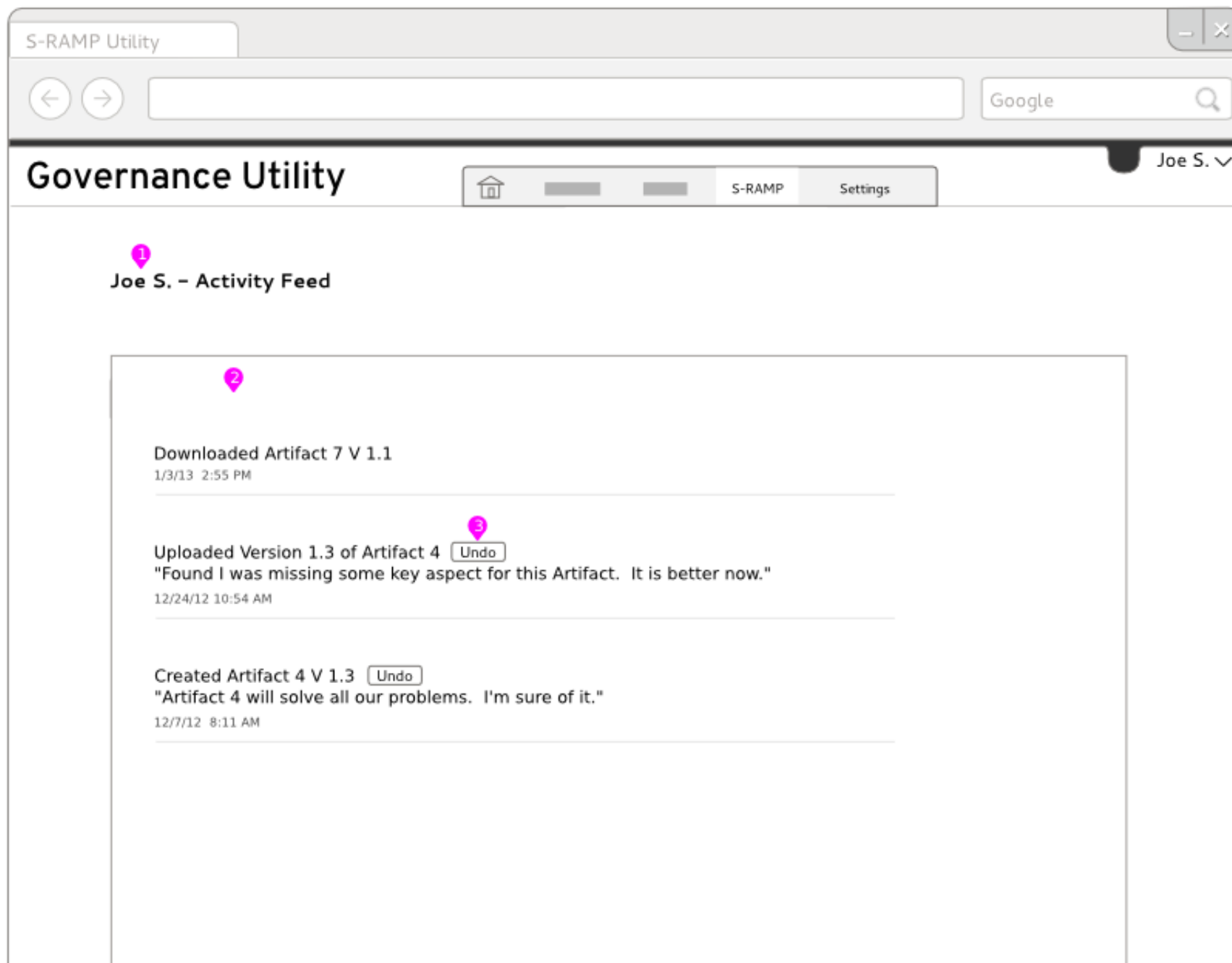
Log out

User Menu

The user can view and edit their preferences, activities, as well as log out of the system through this menu.

Notes

- 1 Activities - see pg. 11.2
- 2 Preference - not part of current spec - TBD
- 3 Log out - TBD



User Page: Activity Feed

A user can see, and potentially edit, their activities in S-RAMP..

Notes:

- 1 How do we show where this resides in the hierarchy?
- 2 Activities performed by the user, in reverse chronological order.
- 3 User may be able to undo previous actions done on artifacts, as long as they don't impact dependent artifacts.