

Intro to OSLC4J **UI Preview UI Selection** 

In the previous section we explored how the BugzillaChangeRequestService class handles requests for collections of BugzillaChangeRequests or individual BugzillaChangeRequests.

UI Preview UI Selection

Factory Getting Started Use Cases

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We'll put this dialog to use in the NinaCRM application later on.

We now have the ability to use user interface delegation as a way to provide a simple way for consumer applications to both create and select bugs. We've also exposed this capability from our service provider resource definition.

Next, we'll explore how to make it easier for other applications to create new bugs

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Providing a creation factory

With OSLC you can allow people to create bugs via Delegated UI: however, like all UI approaches. With OSLC you can <del>allow people to create bugs via belegated U</del>l; however, like all Ul approaches, an actual human user must be involved. What if you want to support automated bug creation; fol example, enabling a build server to automatically create a bug whenever there is a test or a build

To allow clients to create new bugs automatically, you need to support an OSLC Creation Factory

Adding a method to the adapter to create BugzillaChangeRequests via HTTP POST

Recall that when we created a delegated UI for creating new bugs, we wrote code in the BugzillaManager class to use the |2bugzilla API for creation createBug() method for automated bug creation via POST. ation of bugs; we'll re-use the

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5. The OSLC provider returns HTML that you can show to the user.

We explored the OSLC Provider side of this in more detail earlier in this tute

Example XML for a UI preview

Here's an example of the XML that an OSLC Provider will return when you request the UI Preview representation of a resource:

Implementing Consume Getting Started Use Cases
Links & Previews

Delegated UI Notify Customers

Automatic Bugs

Open http://localhost:8181/ninacrm/ in a web browser. You'll see a sample incident:

Sample incident #676 in the NinaCRM sample application

At the bottom, find the Related Defects heading. This is where we show links to related bugs in Bugzilla; the HTML is a simple unordered list:

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Delegated UI

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Implementing Consumer

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Showing UI Previews via Dojo Tooltip Widgets

Throughout this, we'll be using the Dojo Script toolkit to smooth out browser differences and build UI components like buttons and tooltips.

Open the file index.jsp in /src/main/webapp/ and search for dojo.addOnLoad(addPreviewMouseOverHandlers)

Here when the nade is done loading we use the doing query(), method to get all the links on the

Earlier in this tutorial, we walked through an implementation of Delegated UIs for OSLC4JBugzilla, both for selecting bugs and creating new bugs. In addition to providing the UI and handling the results, the OSLC4JBugzilla adapter (or any other OSLC provider application) announces in its Service Provider Documents the URL location and recommended size of the UI.

The application that wants to use the Delegated UI (the OSLC Consumer) creates an <frame>
for the Delegated UI so that the user can interact with it. The Consumer application must also listen to the <iframe> do something with the results of the user's actions

UI Creation

Notify Customers Automatic Bugs

work with any OSLC Provider.

As we noted when we implemented Service Providers and Catalogs, one of the cores of OSLC i that clients should not have to hard-code any URLs other than a Service Provider Catalog. Clien should be able to parse the Catalog and navigate from the Catalog to the Service Providers; the Service Providers will then expose the available OSLC services. viders and Catalogs, one of the cores of OSLC is

If you'd like to follow along with a real Service Provider Catalog or Service Provider, see the