

ClearQuest-Bugzilla Integration Issue

17-Jun-2014

Steps used to Establishment Cross Server Communication

Step 1:- Providing rootservice url in CQCR to establish cross-server communication

Cross-Server Communication

Specify other servers with which you want to establish server-to-server communication. Enter the location information of another server and a code phrase to use as the OAuth secret. Then request access to that server to create an OAuth consumer key and store the information in the friends list. Once the OAuth key is authorized by the other server, this server will be able to interact with the other server.

Property	Value
Title:	Bugzilla_Dev
Root Services URI:	http://[Bugzilla Adapter URL]/rootservices Format: https://<hostname>:<port-number>/<context>/rootservices
OAuth Secret:
Re-type secret:
Trusted:	<input checked="" type="checkbox"/>

Request Access

Server Friends List

The list of servers established for server-to-server communication.

Title	Root Services URI	OAuth Consumer Key
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Steps used to Establishment Cross Server Communication (Cont.)

Step 2:- Generated provisional Key

Cross-Server Communication

Root Services URI:

Format: https://<hostname><:port-number>/<context>/rootservices

OAuth Secret:

Re-type secret:

Trusted:

☒

Request Access

Authorize Provisional Key

The provisional key you requested needs to be authorized by an administrator on the other server: **4e299712-02d9-4918-8682-90a1e71e20da**

If you are an administrator on the "http://Bugzilla Adapter URL" server, you can [Grant access for the provisional key.](#)

Server Friends List

The list of servers established for server-to-server communication.

Title	Root Services URI	OAuth Consumer Key
Bugzilla_Dev	http://Bugzilla Adapter URL	/rootservices 4e299712-02d9-4918-8682-90a1e71e20da
MARCO6	http://marc-devtemp.internal-erisson.com:8006/eMatrix/rootservices	262fe208-f1ea-46a4-8148-75f7da027112

Steps used to Establishment Cross Server Communication (Cont.)

Step 3:- Approving oAuth Consumer key from Bugzilla

Bugzilla - Log In - Windows Internet Explorer provided by TCS

Bugzilla Adapter URL

Google

Bugzilla - Log In

You must log in as an OAuth administrator to continue.

Username:

User id m

Password:

Continue

Approve Bugzilla Consumer - Windows Internet Explorer provided by TCS

Bugzilla Adapter URL

Google

Approve Bugzilla Consumer

Allow this consumer to access Bugzilla?

Name: CQCR URL

Key: 4e299712-02d9-4918-8682-90a1e71e20da

☒ Trusted

Allow Deny

Old-Issue with Populating Service Provider Catalog list

Unable to populate the list with **AcceptType = application/rdf+xml**

The screenshot displays the Rational ClearQuest application interface. A 'Project Relationships' dialog box is open, titled 'Add Project Relationship Link'. It prompts the user to 'Select a server and service provider to create a link with your project.' The 'Server' dropdown is set to 'Bugzilla_Dev'. The 'Service Providers' list is empty. In the background, the main application window shows a sidebar with 'New CQCR' and a 'Navigator' pane. The console window at the bottom shows a GET request to a URL and subsequent error messages.

Project Relationships

Add Project Relationship Link

Select a server and service provider to create a link with your project.

Server: Bugzilla_Dev

Service Providers:

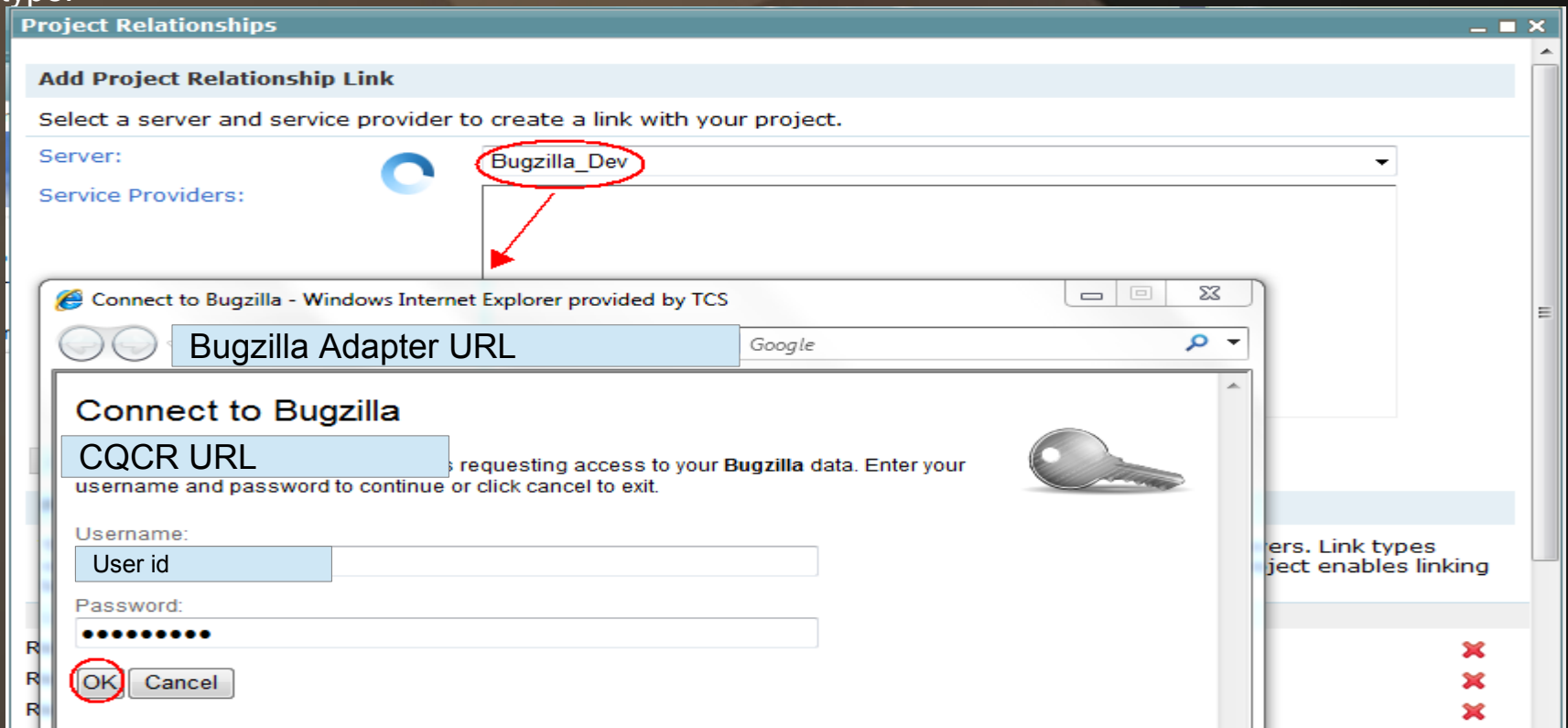
CQCR URL

```
GET https://...?uri=http%3A%2F%2Fma...ces&cquid=0000eA9cVRwzRLsk@aHp9EbPOx6%3A-1&dojo.preventCache=1403001183339 401 (Unauthorized)
dojo.xhr
dojo.xhrGet
(anonymous function)
cq.xhrGet
cq.oauthXhr.Get
cq.CqOSLCUtil._getServiceXML
cq.CqOSLCUtil._getServiceCatalogs
dojo.declare._initProvidersList
dojo.declare._onSelectServer
(anonymous function)
Error {status: 401, responseText: ""}
_277
(anonymous function)
_100
_fe
reject.errback
_284
func
_27d
Error {status: 401, responseText: ""}
Error {status: 401, responseText: ""}
```

Populating Service Provider Catalog list

On selecting Bugzilla_Dev from server we are able to populate Service Providers list with **AcceptType: application/x-oslcdisc-service-provider-catalog+xml** which is deprecated as per OSLC Specification CM 2.0

We wrote a new Jsp (attached with message) which create response having above specified content type.



Adding Service Provider to Project Relationship Links

Project Relationships

Add Project Relationship Link

Select a server and service provider to create a link with your project.

Server:

Bugzilla_Dev

Service Providers:

FoodReplicator - (Related To)

LJL Test Product - (Related To)

MyOwnBadSelf - (Related To)

Sam's Widget - (Related To)

Spider Sécretions - (Related To)

WorldControl - (Related To)

testing-funky-hyphens - (Related To)

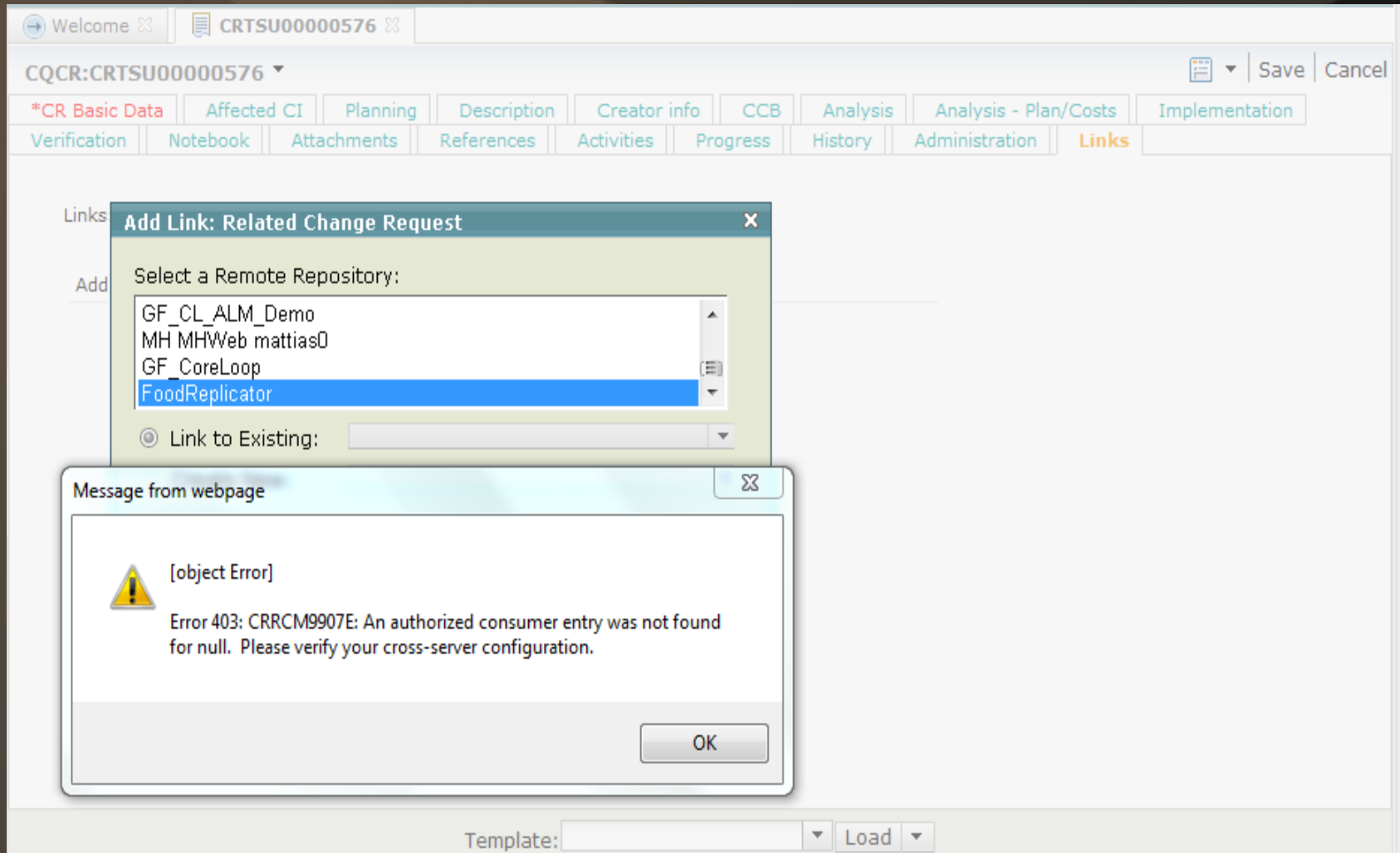
Add

Project Relationship Links

These links represent relationships between projects and service providers such as projects on other servers. Link types reflect the nature of the service that a provider makes available to the project. Establishing a link for a project enables linking between artifacts in the project and artifacts made accessible by the service provider.

Link Type	Service Provider
Related To	CNCS.8

Error : While adding link to new CR (in IE 8)



The screenshot displays a web application interface for managing Change Requests (CRs). The main window is titled "CQCR: CRTSU00000576" and features a tabbed menu with options like "Basic Data", "Affected CI", "Planning", "Description", "Creator info", "CCB", "Analysis", "Analysis - Plan/Costs", "Implementation", "Verification", "Notebook", "Attachments", "References", "Activities", "Progress", "History", "Administration", and "Links". The "Links" tab is currently active.

An "Add Link: Related Change Request" dialog box is open, prompting the user to "Select a Remote Repository:". The list of repositories includes "GF_CL_ALM_Demo", "MH MHWeb mattias0", "GF_CoreLoop", and "FoodReplicator", with "FoodReplicator" selected. Below the list, there is a radio button labeled "Link to Existing:" followed by a text input field.

Overlaid on the bottom of the dialog is a "Message from webpage" error box. It contains a yellow warning icon and the text: "[object Error] Error 403: CRRCM9907E: An authorized consumer entry was not found for null. Please verify your cross-server configuration." An "OK" button is located at the bottom right of the error message box.

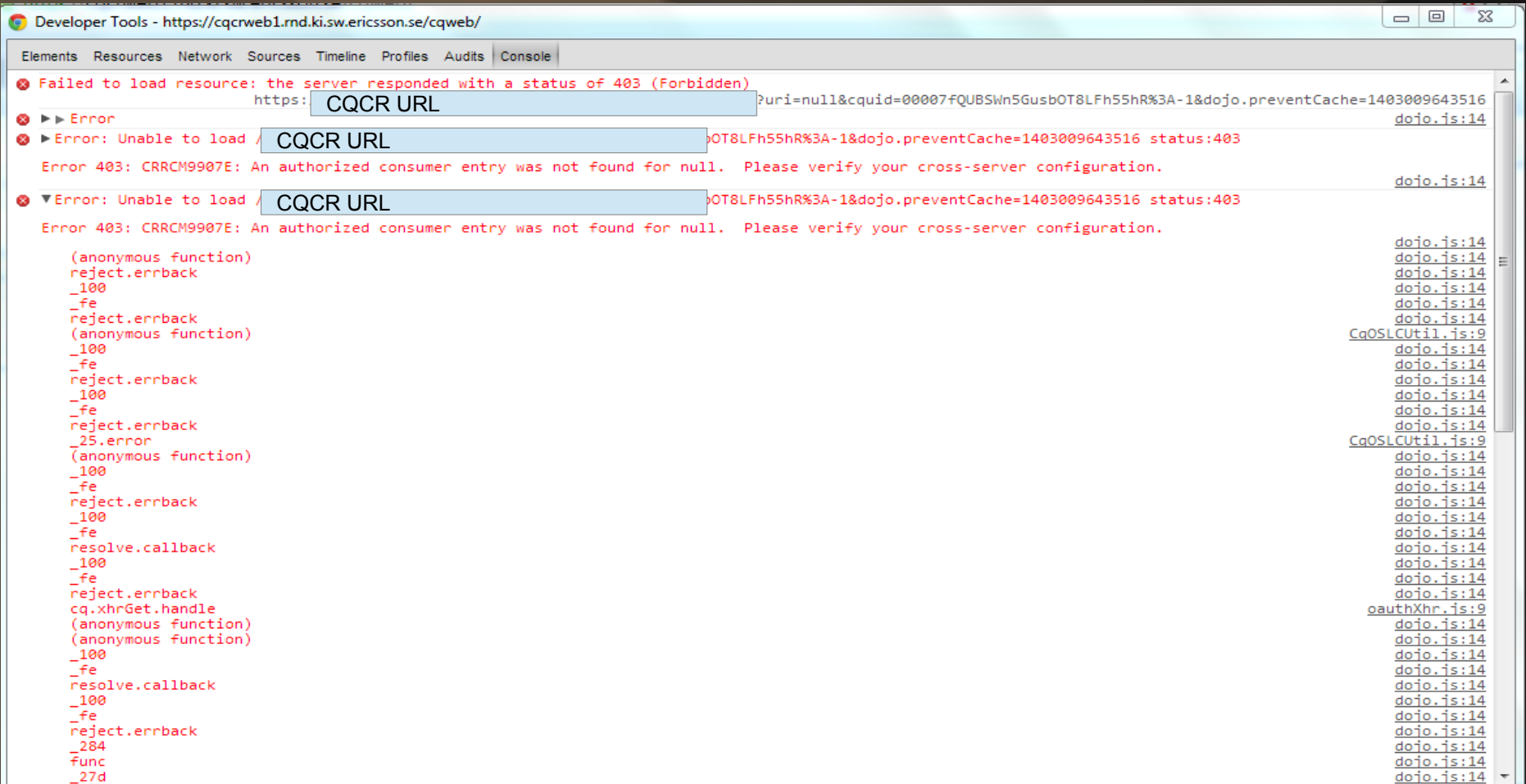
At the bottom of the main application window, there is a "Template:" label followed by a dropdown menu and a "Load" button.

Error : While adding link to new CR (in Chrome)

The screenshot displays the IBM CQCR web application interface. A modal dialog titled "Add Link: Related Change Request" is open, showing a list of remote repositories: GF_CL_ALM_Demo, MH MHWeb mattias0, GF_CoreLoop, and FoodReplicator. The "Link to Existing:" option is selected. A red arrow points from the "FoodReplicator" entry to the "Link to Existing:" dropdown. An error message is displayed in a separate dialog box, stating: "Error: Unable to CQCR URL uri=null&cquid=00007fQUB5Wn5GusbOT8LFh55hR%3A-1&dojo.preventCache=1403009643516 status:403". The error message also includes: "Error 403: CRRCM9907E: An authorized consumer entry was not found for null. Please verify your cross-server configuration." The bottom of the screen shows the browser's console with the following log entries:

```
GET h CQCR URL ?uri=null&cquid=00007fQUB5Wn5GusbOT8LFh55hR%3A-1&dojo.preventCache=1403009643516 403 (Forbidden) dojo.js:14
Error {status: 403, responseText: "Error 403: CRRCM9907E: An authorized consumer entr... Please verify your cross-server configuration.-"} dojo.js:14
```

Error : Console error snap-shot (in chrome)



Thank You!!