

LocConnect Server API

Version 2.8

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1. Get Job Method

Function	GetJob(id, com)
Description	Fetch a file corresponding to a particular job ID
Base URL (HTTP Request)	locConnect/get_job.php
Query String Parameters	id = job ID * id is an ascii based alphanumeric string (max 15 chars, lowercase)
	com = component * com should be uppercase ascii string (max chars 6)
Example URL	locConnect/get_Job.php?id=880a0796e7&com=LMC
Response Format (XML)	<content> .. (file content goes here) </content>
Example Response:	<content> <xliff version="1.1"> <file original="NoName" source-language="en" datatype="plaintext"> <body> <trans-unit approved="yes" id="asciiopt "> <source>Fields</source> </trans-unit> </body> </file> </xliff> </content>
Error Response:	<error> <msg> Either component:<com> not found or job:<job id> is not available for this component </msg> </error>
Client Implementation Example (in php)	<pre><?php header ("Content-Type:text/html; charset=utf-8"); require_once 'HTTP\Request2.php'; // uses Pear \$request = new HTTP_Request2('http://localisation.ie/locConnect/get_job.php', HTTP_Request2::METHOD_GET); \$request->setHeader('Accept-Charset', 'utf-8'); \$url = \$request->getUrl(); \$url->setQueryVariable('id', '7985aecae0'); //set the job id here \$url->setQueryVariable('com', 'LCM'); // set your component name here // This will fetch the given job from the CNLF server and store content in \$file variable; \$file=\$request->send()->getBody(); echo \$file; ?></pre>
Notes:	<ul style="list-style-type: none"> • getJob(id, com) returns a utf-8 encoded XML response containing the file to be processed. • xml declaration of the content will be omitted. (i.e. <?xml version="1.0" ..?> will be stripped off in the output. • Uses GET Method

2. Fetch Job Method

Function	fetchJob(com)
Description	Get a list of available jobs for a particular component
Base URL (HTTP Request)	locConnect/fetch_job.php
Query String Parameters	com = component * com should be uppercase ascii string (max chars 6)
Example URL	locConnect/fetch_job.php?com=WFR
Response Format (XML)	<code><jobs> <job> jobid </job> </jobs></code>
Example Response:	<code><jobs> <job> 16674f2698</job> <job>633612fb37 </job> </jobs></code>
Error Response:	<code><error> <msg> Either component:<com> not found or not pending jobs available for this component </msg> </error></code>
Client Implementation Example (in php)	<pre><?php header ("Content-Type:text/html; charset=utf-8"); require_once 'HTTP\Request2.php'; // uses Pear \$request = new HTTP_Request2('http:// localisation.ie/locConnect/fetch_job.php', HTTP_Request2::METHOD_GET); \$request->setHeader('Accept-Charset', 'utf-8'); \$url = \$request->getUrl(); \$url->setQueryVariable('com', 'WFR'); // set your component name here // This will get a list of pending jobs from the CNLF server and store them \$jobs variable; \$jobs=\$request->send()->getBody(); echo \$jobs; ?></pre>
Notes:	<ul style="list-style-type: none">• fetchJob(com) returns a utf-8 encoded XML response containing a list of pending jobs for a particular component• xml declaration of the content is omitted. (i.e. <?xml version="1.0" ..?> will be stripped off in the output.• Uses GET Method

3. Set Job Status Method

Function	setJobStatus(id, com, msg)
Description	Sets the job status of a particular component
Base URL (HTTP Request)	locConnect/set_status.php
Query String Parameters	<p>com = component * com should be uppercase ascii string (max chars 6)</p> <p>id = job ID * id is an ascii based alphanumeric string (max 15 chars, lowercase)</p> <p>msg = status * msg should be one of: complete, pending or processing status</p>
Example URL	locConnect/set_status.php?id=16674f2698&com=WFR&msg=pending
Response Format (XML)	<pre><response> <msg>Status Updated</msg> </response></pre>
Error Response:	<pre><error> <msg> Status was not updated. Ensure job id:<jobid> is correct and component:<com> has been assigned that job. </msg> </error></pre>
Client Implementation Example (in php)	<pre><?php header ("Content-Type:text/html; charset=utf-8"); require_once 'HTTP\Request2.php'; // uses Pear \$request = new HTTP_Request2('http:// localisation.ie/locConnect/set_status.php', HTTP_Request2::METHOD_GET); \$request->setHeader('Accept-Charset', 'utf-8'); \$url = \$request->getUrl(); \$url->setQueryVariable('com', 'WFR'); // set your component name here \$url->setQueryVariable('id', '16674f2698'); // set job id here \$url->setQueryVariable('msg', 'pending'); // set status id here // This will get the server response \$response=\$request->send()->getBody(); echo \$response; ?></pre>
Notes:	<ul style="list-style-type: none"> • xml declaration of the content is omitted. (i.e. <?xml version="1.0" ..?> will be stripped off in the output. • Uses GET Method

4. Send Feedback Method

Function	sendFeedback(id, com, msg)
Description	Send feedback of a particular component corresponding to a specific job
Base URL (HTTP Request)	locConnect/set_status.php
Query String Parameters	com = component * com should be uppercase ascii string (max chars 6)
	id = job ID * id is an ascii based alphanumeric string (max 15 chars, lowercase)
	msg = feedback * feedback should be url encoded string containing not more than 250 (utf-8) characters.
Example URL	send_feedback.php?id=16674f2698&com=WFR&msg=Globalsigt workflow generated
Response Format (XML)	<pre><response> <msg>Feedback Updated</msg> </response></pre>
Error Response:	<pre><error> <msg> Feedback was not updated. Ensure job id:<jobid> is correct and component:<com> has been assigned that job. </msg> </error></pre>
Client Implementation Example (in php)	<pre><?php header ("Content-Type:text/html; charset=utf-8"); require_once 'HTTP\Request2.php'; // uses Pear \$request = new HTTP_Request2('http:// localisation.ie/locConnect/send_feedback.php', HTTP_Request2::METHOD_GET); \$request->setHeader('Accept-Charset', 'utf-8'); \$url = \$request->getUrl(); \$url->setQueryVariable('com', 'WFR'); // set your component name here \$url->setQueryVariable('id', '16674f2698'); // set job id here \$url->setQueryVariable('msg', ' Globalsigt workflow generated'); // set your component's feedback here // This will get the server response \$response=\$request->send()->getBody(); echo \$response; ?></pre>
Notes:	<ul style="list-style-type: none"> • xml declaration of the content is omitted. (i.e. <?xml version="1.0" ..?> will be stripped off in the output. • Uses GET Method

5. Send Output Method

Function	sendOutput(id, com, data)
Description	Send output of a particular component corresponding to a specific job
Base URL (HTTP Request)	locConnect/send_output.php
Query String Parameters	<p>com = component * com should be uppercase ascii string (max chars 6)</p> <p>id = job ID * id is an ascii based alphanumeric string (max 15 chars, lowercase)</p> <p>data = file content * file content can be either xml or text content (in utf-8 encoding).</p>
Response Format (XML)	<response><msg>Output Accepted</msg></response>
Error Response:	<p><error><msg></p> <p>Output was not updated. Ensure job id:<jobid> is correct and component:<com> has been assigned that job.</p> <p></msg></error></p>
Client Implementation Example (in php)	<pre> <?php header ("Content-Type:text/xml"); require_once 'HTTP\Request2.php'; //uses PEAR \$request = new HTTP_Request2('http://localisatin.ie/locConnect/send _output.php'); \$data="<methodCall>\r\n" . " <methodName>foo.bar</methodName>\r\n" . " <params>\r\n" . " <param><value><string>Hello, world!</string></value></param>\r\n" . " <param><value><int>42</int></value></param>\r\n" . " </params>\r\n" . "</methodCall>"; \$request->setMethod(HTTP_Request2::METHOD_POST) ->addPostParameter('id', '880a0796e7') ->addPostParameter('com', 'LKR') ->addPostParameter('data', \$data); try { \$response = \$request->send(); if (200 == \$response->getStatus()) { echo \$response->getBody(); } else { echo 'Unexpected HTTP status: ' . \$response- >getStatus() . ' ' . \$response->getReasonPhrase(); } } catch (HTTP_Request2_Exception \$e) { echo 'Error: ' . \$e->getMessage(); } ?> </pre>
Notes:	<ul style="list-style-type: none"> • xml declaration of the content is omitted. (i.e. <?xml version="1.0" ..?> will be stripped off. • <u>Uses POST Method</u> • Output can contain utf-8 encoded strings.

6. New Project

Function	createNewProject(com, pname, pdesc, data)
Description	Create a new locConnect job via direct API call
Base URL (HTTP Request)	locConnect/new_project.php
Query String Parameters	com = component (mandatory) * com should be uppercase ascii string (max chars 6)
	pname = project name (optional)
	pdesc=project description (optional)
	data = file content (mandatory) * XLIFF content assumed, although other text based contents are supported. (in utf-8 encoding).
Response Format (XML)	<response><msg>124D1334E</msg></response>
Error Response:	<error><msg>(error)</msg></error>
Client Implementation Example (in php)	<pre> <?php header ("Content-Type:text/xml"); require_once 'HTTP\Request2.php'; //uses PEAR \$request = new HTTP_Request2('http://localisatin.ie/locConnect/new_ project.php'); \$data="<methodCall>\r\n" . " <methodName>foo.bar</methodName>\r\n" . " <params>\r\n" . " <param><value><string>Hello, world!</string></value></param>\r\n" . " <param><value><int>42</int></value></param>\r\n" . " </params>\r\n" . "</methodCall>"; \$request->setMethod(HTTP_Request2::METHOD_POST) ->addPostParameter('pname', 'New Project') ->addPostParameter('com', 'MYCOM') ->addPostParameter('data', \$data); try { \$response = \$request->send(); if (200 == \$response->getStatus()) { echo \$response->getBody(); } else { echo 'Unexpected HTTP status: ' . \$response- >getStatus() . ' ' . \$response->getReasonPhrase(); } } catch (HTTP_Request2_Exception \$e) { echo 'Error: ' . \$e->getMessage(); } ?> </pre>
Notes:	<ul style="list-style-type: none"> • xml declaration of the content is omitted. (i.e. <?xml version="1.0" ..?> will be stripped off. • <u>Uses POST Method</u>

7. Send Resource

Function	sendResource(type, data, metadata, desc)
Description	storing supplementary files(i.e. resources) in LocConnect
Base URL (HTTP Request)	locConnect/send_resource.php
Query String Parameters	<p>type:Imc, tmx, xliiff (identifier for the resource) e.g. file type/extension</p> <p>metadata: metadata to describe the resource in the following format: "attribute1:value1-attribut1:value2-attribut3:value3" (i.e.a list of attribute : value pairs in a single string separated by hyphens)</p> <p>desc: description about the resource/files</p> <p>data = file content</p>
Response Format (XML)	<response><msg>(resource ID)</msg></response>
Error Response:	<error><msg>(error)</msg></error>
Client Implementation Example (in php)	<pre> <?php header ("Content-Type:text/xml"); require_once 'HTTP\Request2.php'; //uses PEAR \$request = new HTTP_Request2('http://localisatin.ie/locConnect/send _resource.php'); \$data="<methodCall>\r\n" . " <methodName>foo.bar</methodName>\r\n" . " <params>\r\n" . " <param><value><string>Hello, world!</string></value></param>\r\n" . " <param><value><int>42</int></value></param>\r\n" . " </params>\r\n" . "</methodCall>"; \$request->setMethod(HTTP_Request2::METHOD_POST) ->addPostParameter('desc', 'resource desc') ->addPostParameter('metadata', 'domain:test') ->addPostParameter('data', \$data); try { \$response = \$request->send(); if (200 == \$response->getStatus()) { echo \$response->getBody(); } else { echo 'Unexpected HTTP status: ' . \$response- >getStatus() . ' ' . \$response->getReasonPhrase(); } } catch (HTTP_Request2_Exception \$e) { echo 'Error: ' . \$e->getMessage(); } ?> </pre>
Notes:	<ul style="list-style-type: none"> If you specify an ID then the sending resource will overwrite the current resource with the specified ID (this allows components to update an existing resource). Otherwise if you leave it blank (i.e. ""), it will generate a resource ID, assign it to the new resource and send the ID to you in the response. The format of the ID is same as LocConnect job IDs. <u>Uses POST Method</u>

8. Get Resource

Function	getResource(id)
Description	Retrieving supplementary files(i.e. resources) from LocConnect
Base URL (HTTP Request)	locConnect/get_resource.php
Query String Parameters	Id: resource identifier
Response Format (XML)	<response>..</response>
Error Response:	<error><msg>(error)</msg></error>
Client Implementation Example (in php)	<pre><?php header ("Content-Type:text/html; charset=utf-8"); require_once 'HTTP\Request2.php'; // uses Pear \$request = new HTTP_Request2('http:// localisation.ie/locConnect/get_resource.php', HTTP_Request2::METHOD_GET); \$request->setHeader('Accept-Charset', 'utf-8'); \$url = \$request->getUrl(); \$url->setQueryVariable('id', '16674f2698'); // set resource id here // This will get the server response \$response=\$request->send()->getBody(); echo \$response; ?></pre>
Notes:	<ul style="list-style-type: none">• <u>Uses GET Method</u>