

CNLF Server API

Version 1.0

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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)	<jobs> <job> jobid </job> </jobs>
Example Response:	<jobs> <job> 16674f2698</job> <job>633612fb37 </job> </jobs>
Error Response:	<error> <msg> Either component:<com> not found or not pending jobs 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/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.