

# Starting a Natural Application with a URL

The connection parameters available in the configuration file for the session and on the logon page can also be specified as URL parameters of the logon page URL. This allows bookmarking the startup URL of a Natural application or starting an application by clicking a hyperlink in a document.

With Natural for Ajax, the URL parameters have the prefix `xciParameters` (for example, `xciParameters.natsession`).

The URL parameters overrule the definitions in the configuration file, with the exception described below.

The following URL parameters are available for the logon page:

URL Parameter	Corresponding Option in the Session Configuration
<code>natsession</code>	<b>Session ID</b>
<code>natserver</code>	<b>Host name</b>
<code>natport</code>	<b>Port number</b>
<code>natuser</code>	<b>User name</b>
<code>natprog</code>	<b>Application</b>
<code>natparam</code>	<b>Natural parameters</b>
<code>natparamext</code>	<p><b>Natural parameters</b></p> <p>The URL parameter <code>natparamext</code> extends an existing Natural parameter definition in the configuration file. The extension works in the following way: the Natural parameters defined in the configuration file come first. Then, the Natural parameters defined in the URL parameter <code>natparamext</code> are added, separated by a space character.</p> <p>If you want to overrule the definition in the configuration file, use the URL parameter <code>natparam</code> instead.</p>
<code>nattimeout</code>	<b>Timeout (n seconds)</b>
<code>savesessionuser</code>	<b>Save user credentials</b> (Natural for Ajax only)
<code>sharesessionuser</code>	<b>Share session user</b> (Natural for Ajax only)

## Important:

All parameter values must be URL-encoded.

## Example for the Natural Web I/O Interface Client

In order to start the Natural program `dump`, while your application server is running on `myhost:8080` and your Natural Web I/O Interface server is running on `myserver1:4811`, you can use the following URL:

`http://myhost:8080/natuniweb/natural.jsp?natserver=myserver1&natport=4811&natprog=dump&natuser=myusername`

## Example for Natural for Ajax

In order to start the Natural program MENU-NJX from the library SYSEXNJX, while your application server is running on *myappserver:4711*, your Natural Web I/O Interface server is running on *mywebio:4712*, and the name of the Natural startup script is *nwo.sh*, you can use the following URL:

<http://myappserver:4711/cisnatural/service/StartCISPage?PAGEURL=%2Fcisnatural%2FNatLogon.html&xciParamters.natserver=mywebio&xciParamters.natprog=nwo.sh&xciParamters.natport=4712&xciParamters.natparam=stack%3D%28logon+SYSEXNJX%3BMENU-NJX%3Bfin%29>