

# \_bridge\_excerpts

Group	Name	Excerpt																								
Action Language	<b>deprecat ed_alias_ macros</b>	<div style="border: 1px solid #ccc; padding: 10px;"> <p>All macros that get information from aliases are deprecated since Builder 7.5.0. Please use the new <a href="#">Alias Reader</a> instead.</p> </div>																								
Action Language	<b>writeTyp eDiscrimi nator</b>	Runtime 2021.6 Use <b>writeTypeDiscriminator</b> to suppress the generation of xUML type properties ("e2e:type") to the generated JSON. If this option is true, the Runtime will write the original xUML type to the generated JSON in form of "e2e:type": "<name of the original xUML type>" if the type being serialized does not match the expected metadata.																								
Adapter	<b>correlatio n_ID</b>	The xUML Runtime assigns a correlation ID to each adapter call. This ID is stored in header field <b>X-Bridge-CorrelationID</b> . Adapter calls can be identified by this ID. Also, it is logged to the transaction log.																								
Adapter	<b>hint_bac kslash_in _path</b>	When using the Windows style with backward slashes "\" you have to be aware that you have escape this character. The escape character is also the "\". To avoid this, use forward slashes with Windows as well.																								
Adapter	<b>request_ http_he ader_rol es</b>	Builder 7.12.0 Runtime 2020.12 In the context of HTTP based adapters ( <a href="#">URL</a> , <a href="#">REST</a> , <a href="#">SOAP</a> ), enable automatic header generation for the listed headers. These definitions overwrite the default behavior, and <b>X-Transaction-Id</b> , <b>X-Request-Id</b> , <b>X-Sender-Host</b> and/or <b>X-Sender-Service</b> will be substituted by this definition.																								
Adapter	<b>request_ http_he ader_rol es_ _adapter</b>	<b>requestHttpHeaderRoles</b> can hold a list of definitions in format <code>&lt;http header name&gt;:&lt;role&gt;</code> , that will automatically be generated for each adapter call on this alias. <code>&lt;role&gt;</code> can be one of the listed allowed values (one list entry per line). Refer to <a href="#">HTTP Header Support &gt; Overwriting the Standard HTTP Headers</a> for more details on header roles.																								
Education	<b>documen tation_m ap</b>	<p>The BRIDGE is delivered with comprehensive documentation. Apart from this self-study, the BRIDGE also comes with many examples you can have a look at. Each feature is subject of an example that is ready to run.</p> <p>This chapter provides an overview about all documentation available after installation. How to access the xUML examples is explained on <a href="#">Unzipping Examples</a>. The complete documentation is available <a href="#">online</a>.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Document</th> <th style="width: 30%;">Content</th> </tr> </thead> <tbody> <tr> <td>BRIDGE Education Lesson 1-3</td> <td>Comprehensive self-learning guide, which leads you through all steps of creating a Web service. Additionally, it provides conceptual information for each topic.</td> </tr> <tr> <td><a href="#">Bridge User Guide</a></td> <td>Comprehensive guide explaining concepts and usage of the BRIDGE, which comprises all management tasks to run the BRIDGE and deployed xUML, Node.js and Java services.</td> </tr> <tr> <td rowspan="2">Reference Guides</td> <td><a href="#">Reference Guide</a></td> <td>Comprehensive reference guide for xUML modelers containing information about concepts, modeling, xUML Action Language, add-ons, and import/export mechanisms.</td> </tr> <tr> <td><a href="#">Node.js Services Reference Guide</a></td> <td>Guide to Scheer PAS Node.js modules that can be used by Node.js modelers in BRIDGE context.</td> </tr> <tr> <td>Utilities</td> <td> <ul style="list-style-type: none"> <li><a href="#">Monitoring Service With UI</a></li> <li><a href="#">RESTifier for SAP</a></li> <li><a href="#">WSDL Generator for SAP RFC</a></li> </ul> </td> <td>Guides to BRIDGE utilities that may be helpful for modelers.</td> </tr> <tr> <td><a href="#">Builder User Guide</a></td> <td colspan="2">Comprehensive guide explaining concepts and usage of BUILDER including all tools like xUML Model Compiler, xUML Model Debugger, and xUML Importers.</td> </tr> <tr> <td rowspan="3">Installation Guides</td> <td><a href="#">BRIDGE Installation Guide</a></td> <td>           Description of the installation of BRIDGE including a troubleshooting chapter. This guide also contains a description of the following firmware installations:           <ul style="list-style-type: none"> <li>BRIDGE SQL Libraries to integrate SQL databases</li> <li>BRIDGE SAP Libraries to integrate SAP systems</li> <li>BRIDGE Java Libraries to use Java classes in your service</li> </ul> </td> </tr> <tr> <td><a href="#">BUILDER Installation Guide</a></td> <td>Description of the installation of the BUILDER including a troubleshooting chapter.</td> </tr> <tr> <td><a href="#">ANALYZER Installation Guide</a></td> <td>Description of the installation of the ANALYZER.</td> </tr> </tbody> </table>	Document	Content	BRIDGE Education Lesson 1-3	Comprehensive self-learning guide, which leads you through all steps of creating a Web service. Additionally, it provides conceptual information for each topic.	<a href="#">Bridge User Guide</a>	Comprehensive guide explaining concepts and usage of the BRIDGE, which comprises all management tasks to run the BRIDGE and deployed xUML, Node.js and Java services.	Reference Guides	<a href="#">Reference Guide</a>	Comprehensive reference guide for xUML modelers containing information about concepts, modeling, xUML Action Language, add-ons, and import/export mechanisms.	<a href="#">Node.js Services Reference Guide</a>	Guide to Scheer PAS Node.js modules that can be used by Node.js modelers in BRIDGE context.	Utilities	<ul style="list-style-type: none"> <li><a href="#">Monitoring Service With UI</a></li> <li><a href="#">RESTifier for SAP</a></li> <li><a href="#">WSDL Generator for SAP RFC</a></li> </ul>	Guides to BRIDGE utilities that may be helpful for modelers.	<a href="#">Builder User Guide</a>	Comprehensive guide explaining concepts and usage of BUILDER including all tools like xUML Model Compiler, xUML Model Debugger, and xUML Importers.		Installation Guides	<a href="#">BRIDGE Installation Guide</a>	Description of the installation of BRIDGE including a troubleshooting chapter. This guide also contains a description of the following firmware installations: <ul style="list-style-type: none"> <li>BRIDGE SQL Libraries to integrate SQL databases</li> <li>BRIDGE SAP Libraries to integrate SAP systems</li> <li>BRIDGE Java Libraries to use Java classes in your service</li> </ul>	<a href="#">BUILDER Installation Guide</a>	Description of the installation of the BUILDER including a troubleshooting chapter.	<a href="#">ANALYZER Installation Guide</a>	Description of the installation of the ANALYZER.
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Installation	<b>guiless_update</b>	<p><b>Never change the guilessinstaller.properties after first installation, but use the same file for every update afterwards!</b></p> <p>Bridge 5.1.39.6 Bridge 6.0.40.2 Only exception is, when you are moving from a version below 6.0.40.2/5.1.39.6 to a higher version. Since then, the settings <b>console.ip.address</b> and <b>console.hostname</b> are mandatory. It is necessary that you edit your existing <b>guilessinstaller.properties</b> file before making an update installation. If you don't specify these settings, you will get additional node instances and proxy nodes and won't be able to deploy services anymore.</p> <ul style="list-style-type: none"> <li>• If console.hostname is empty use the value of <b>Node Instance Name</b> you find on the <a href="#">Preferences tab of the BRIDGE node instance</a>.</li> <li>• If console.ip.address is empty use <b>0.0.0.0</b>.</li> </ul>																																																						
Logging	<b>date_picker</b>	<p>When filtering the log entries of a service by date and time, you can use a date picker to select a date from/to. Click the date picker icon  next to the input fields to open the a tiny calendar to pick the dates from.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="text-align: center;">- &lt; <b>September 2018</b> &gt; +</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th><th>Su</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td> </tr> <tr> <td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td> </tr> <tr> <td>17</td><td>18</td><td>19</td><td>20</td><td style="background-color: #0056b3; color: white;">21</td><td style="background-color: #add8e6;">22</td><td style="background-color: #add8e6;">23</td> </tr> <tr> <td style="background-color: #0056b3; color: white;">24</td><td style="background-color: #0056b3; color: white;">25</td><td style="background-color: #0056b3; color: white;">26</td><td style="background-color: #0056b3; color: white;">27</td><td style="background-color: #0056b3; color: white;">28</td><td style="background-color: #add8e6;">29</td><td style="background-color: #add8e6;">30</td> </tr> </tbody> </table> <div style="display: flex; justify-content: center; align-items: center; margin-top: 5px;"> <div style="border: 1px solid gray; padding: 2px 5px; margin-right: 5px;">13</div> <span style="margin: 0 5px;">:</span> <div style="border: 1px solid gray; padding: 2px 5px; margin-right: 5px;">59</div> <span style="margin: 0 5px;">:</span> <div style="border: 1px solid gray; padding: 2px 5px;">59</div> </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> <div style="background-color: #0056b3; color: white; padding: 5px 15px; margin-right: 10px;">OK</div> <div style="background-color: #add8e6; padding: 5px 15px;">Cancel</div> </div> </div> <p>The time part will be only visible if the related log entries contain a time part in format "HH:MM:SS". In all other cases, it is not possible to select log entries by time.</p> <p>Some dates within the calendar are colored to help you finding the appropriate date:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th>Color</th><th>Meaning</th></tr> </thead> <tbody> <tr> <td><b>dark blue border</b></td><td>Today.</td></tr> <tr> <td><b>dark blue</b></td><td>The selected date.</td></tr> <tr> <td><b>bright blue</b></td><td>A weekday on which data has been logged.</td></tr> <tr> <td><b>light blue</b></td><td>A weekend day on which data has been logged.</td></tr> <tr> <td><b>grey</b></td><td>A day on which no data has been logged.</td></tr> </tbody> </table> <p>Select a day, enter a time (if necessary), and click <b>OK</b> to apply the selected date to the search field.</p>	Mo	Tu	We	Th	Fr	Sa	Su						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Color	Meaning	<b>dark blue border</b>	Today.	<b>dark blue</b>	The selected date.	<b>bright blue</b>	A weekday on which data has been logged.	<b>light blue</b>	A weekend day on which data has been logged.	<b>grey</b>	A day on which no data has been logged.
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Logging	<b>date_search</b>	<p>Select the date/time range you want to inspect.</p> <ul style="list-style-type: none"> <li>• Upon opening the logging tab, <b>from</b> is set to (now - 10 minutes) if there are log entries existing within this range of time. If not, <b>from</b> will be set to the point of time the first entries are found.</li> <li>• An empty <b>to</b> field displays all log entries from the <b>from</b> date/time until the most recent entries.</li> <li>• An empty <b>from</b> field triggers a search backwards until the first entries are found.</li> <li>• You can remove the time part of the <b>to</b> field to search until the end of the day, and of the <b>from</b> field to search from the beginning of the day.</li> </ul>																																																						
Logging	<b>Is_date_filter_settings</b>	<p>Click <b>View</b> to update the displayed logging information.</p> <p>As per default, for logs with a time stamp the log entries are displayed latest first in the search results. Click the tiny arrow in the table header to change the order to oldest first.</p> <p>The date filter settings will be kept as long as your Browser tab is open. They will be reset to default as soon as you open the <b>Logging</b> tab in a new Browser tab.</p> <div style="border: 1px solid gray; padding: 10px; margin-top: 10px;"> <p>If you close your Browser with the <b>Logging</b> tab open, and start your Browser again with restoring all recent tabs (session restore), your date filter settings will be reloaded from your previous search.</p> </div>																																																						
Logging	<b>Is_search_for</b>	<p>Insert a string or a valid regular expression to search the log entries for. Only log entries that match the expression will be displayed. Refer to <a href="#">Java Regular Expressions</a> for more information on which regular expressions you can use here.</p> <p>Pressing <b>Enter</b> in this field triggers the search.</p>																																																						

pstate	<b>pstate_control_adapter</b>	<p>The <b>Persistent State Control Adapter</b> gives access to persistent state metadata directly from within a service (self context). The same data can be retrieved using the <b>xUML Runtime API</b>.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>If you want to retrieve metadata of persistent state of the very same service, always use the <a href="#">Persistent State Control Adapter</a>. If you want to retrieve data from other services, use the <a href="#">xUML Runtime API</a>.</p> </div>						
PState	<b>pstate_owner</b>	<p>In <a href="#">Load Balancing</a> context, when e.g. running multiple Bridges, you can setup persistent state services to share persistent state objects. The persistent state objects are distinguished by an owner and owner id reflecting the actual service that owns these objects. Prerequisite is that these services share the same persistent state database, see <a href="#">Load Balanced Persistent State</a> for more details.</p>						
PState	<b>pstate_service_transfer</b>	<p>Transfer the service to another Bridge (e.g. by <a href="#">service export</a> and <a href="#">re-deployment</a>). In this case, you also need to transfer file <b>PersistentState.tab</b> from the service directory (&lt;your Bridge data directory&gt;/&lt;service directory&gt;) to the new location. This file contains the actual owner ID of the service. If not present, a new owner ID will be assigned and all objects with the old owner ID will still be stalled.</p>						
PState	<b>pstate_warning_external_attributes</b>	<div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Do not switch an attribute between internal and external unless you are sure that no objects of the related class are still pending in the persistent state db. The attribute contents will get lost in this case. This behavior will be improved in future versions.</p> </div>						
Service	<b>get_pid</b>	<p>If the service is up and running, you can see the system process id (<b>PID</b>) of the service. To match the PID with the Bridge service, you can also use system commands:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">System</th> <th>Command / Output</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"><b>Linux</b></td> <td> <pre>ps -efa   grep -- --instance</pre> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>... 15228 ... /opt/e2e_bridge_prog/nodejs-8.11.4/linux-64/node index.js --instance /opt/e2e_bridge_data/nodejs_NodeService ... 15265 ... /opt/e2e_bridge_prog/nodejs-8.11.4/linux-64/node app.js --instance /opt/e2e_bridge_data/nodejs_api-test-helloworld_43 ... 15853 ... /opt/e2e_bridge_prog/j2re-11.0.2/linux-64/bin/java -jar repository.jar --instance /opt/e2e_bridge_data/java_helloworld</pre> </div> <p>[...]</p> </td> </tr> <tr> <td style="vertical-align: top;"><b>Windows</b></td> <td> <p>Run with administration privileges:</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>wmic process where "caption='bridgeserver.exe' or caption='node.exe' or caption='java.exe'" get processid,caption,commandLine /format:csv   findstr /C:--instance</pre> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>...,bridgeserver.exe,"C:\E2E_BRIDGE_PROG\bridgeserver-2018.12\win32-64\bridgeserver.exe" --config "C:\var\E2E_BRIDGE_DATA\server.cfg" --instance "C:\var\E2E_BRIDGE_DATA\bridge_SoapWait",17600 ...,node.exe,C:\E2E_BRIDGE_PROG\nodejs-8.11.4\win32-64\node app.js "--instance C:\var\E2E_BRIDGE_DATA\nodejs_api-test-helloworld",20144</pre> </div> </td> </tr> </tbody> </table>	System	Command / Output	<b>Linux</b>	<pre>ps -efa   grep -- --instance</pre> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>... 15228 ... /opt/e2e_bridge_prog/nodejs-8.11.4/linux-64/node index.js --instance /opt/e2e_bridge_data/nodejs_NodeService ... 15265 ... /opt/e2e_bridge_prog/nodejs-8.11.4/linux-64/node app.js --instance /opt/e2e_bridge_data/nodejs_api-test-helloworld_43 ... 15853 ... /opt/e2e_bridge_prog/j2re-11.0.2/linux-64/bin/java -jar repository.jar --instance /opt/e2e_bridge_data/java_helloworld</pre> </div> <p>[...]</p>	<b>Windows</b>	<p>Run with administration privileges:</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>wmic process where "caption='bridgeserver.exe' or caption='node.exe' or caption='java.exe'" get processid,caption,commandLine /format:csv   findstr /C:--instance</pre> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <pre>...,bridgeserver.exe,"C:\E2E_BRIDGE_PROG\bridgeserver-2018.12\win32-64\bridgeserver.exe" --config "C:\var\E2E_BRIDGE_DATA\server.cfg" --instance "C:\var\E2E_BRIDGE_DATA\bridge_SoapWait",17600 ...,node.exe,C:\E2E_BRIDGE_PROG\nodejs-8.11.4\win32-64\node app.js "--instance C:\var\E2E_BRIDGE_DATA\nodejs_api-test-helloworld",20144</pre> </div>
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Service	<b>http_header_roles</b>	<p>Runtime 2020.12 If the standard HTTP header handling does not meet your needs, you can take control of the header handling by defining your own header roles. Refer to <a href="#">HTTP Header Support &gt; Overwriting the Standard HTTP Headers</a> for a detailed explanation of how to use this feature.</p>						
Service	<b>http_headers</b>	<p>Runtime 2019.9 Bridge xUML services read the following incoming HTTP headers containing correlation information:</p> <ul style="list-style-type: none"> <li>• <b>X-Transaction-Id</b> or <b>xTransactionId</b> (in JMS context) This header identifies the transaction the call belongs to. You can set the transaction id manually with <a href="#">setTransactionID</a>. If not set, the Runtime will generate one. This header will be passed through the callstack to identify all service calls that belong to a transaction.</li> <li>• <b>X-Request-Id</b> This header should identify the unique request.</li> <li>• <b>X-Sender-Host</b> and <b>X-Sender-Service</b> These headers should contain the sender host resp. the sender service.</li> </ul> <p>These headers will be all <a href="#">logged to the transaction log</a>. Having this information, you can use this for error analysis or usage metrics.</p>						

Service	<b>http_headers_adapter</b>	<p>Runtime 2019.9 With xUML service adapter calls, the xUML Runtime adds the following outgoing HTTP headers containing correlation information to the request:</p> <ul style="list-style-type: none"> <li>• <b>X-Transaction-Id</b> or <b>xTransactionId</b> (in JMS context) This header identifies the transaction the call belongs to. You can set the transaction id manually with <a href="#">setTransactionID</a>. If not set, the Runtime will generate one. This header will be passed through the callstack to identify all service calls that belong to a transaction.</li> <li>• <b>X-Request-Id</b> This header identifies the unique request. The Runtime generates a unique number for each adapter call.</li> <li>• <b>X-Sender-Host</b> and <b>X-Sender-Service</b> These headers contain the sender host resp. the sender service. They are set by the Runtime automatically.</li> </ul> <p>Transaction id and request id will be <a href="#">logged to the transaction log</a> on the adapter call. Having this information, you can use this for error analysis or usage metrics.</p>
Service	<b>httpHeaderMap</b>	<p>Runtime 2020.11 Header information as a map. The map contains arrays of header value strings whereas the header name is the key of the map.</p> <ul style="list-style-type: none"> <li>• Header names are lowercase and treated case insensitive.</li> <li>• Multiple headers with the same name are treated as arrays.</li> </ul> <p>Refer to <a href="#">HTTP Header Support</a> for more information on the standard xUML HTTP headers.</p>
Service	<b>httpHeaders_depr</b>	<p>Deprecated This attribute is deprecated as of Runtime 2020.11. Please use <b>httpHeaderMap</b> (see below) for new implementations as its implementation complies to the HTTP specification.</p>
Service	<b>kill_service</b>	<p>Bridge 7.2.0 The <b>Kill</b> functionality will first try to regularly stop the service. When the service is still running after 10 seconds, it will forcibly terminate the service with <code>Java Process.destroyForcibly()</code>.</p>
Service	<b>max_request_body_size</b>	<p>Runtime 2021.2 Specifies the maximum size of the request in KB (1 KB = 1024 Bytes). This can be used to prevent DoS or similar attacks. When the payload of the service exceeds the given maximum, incoming request are rejected.</p>
Service	<b>max_request_header_size</b>	<p>Runtime 2022.6 Specifies the maximum size of the request header in KB (1 KB = 1024 Bytes). This can be used to prevent DoS or similar attacks. When the header payload of the service exceeds the given maximum, incoming request are rejected.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p> <b>Compatibility Hint</b></p> <p>For older Runtimes, a limit of 8 KB applies.</p> </div>
Service	<b>stop_service</b>	<p>Bridge 7.2.0 Clicking <b>Stop</b> will send <code>SIGTERM</code> to the service. Older Bridges called <code>Java Process.destroy()</code>.</p>
Service	<b>transaction_id</b>	<p>The <b>Transaction ID</b> identifies a transaction. It is a unique number used to trace service calls through the call stack of multiple service calls.</p> <ul style="list-style-type: none"> <li>• Runtime 2019.9 Clients calling a service running on the Bridge can provide a transaction ID in HTTP header <b>X-Transaction-ID</b> or <b>xTransactionId</b> (in JMS context).</li> <li>• SOAP clients can also use the SOAP headers to provide a transaction ID.</li> <li>• If an xUML service is called without providing a transaction ID, the xUML Runtime will generate such an ID.</li> </ul> <p>This ID will be passed on through the call stack of the xUML service, so that the whole transaction can be traced. This can be useful, when analyzing the log file in case of error.</p>
Service Preferences	<b>automatic_restart</b>	<p>Whenever the service crashes, it will restart immediately. Nevertheless, in the navigation the icon  next to the xUML service name will indicate the abnormal termination.</p>
Service Preferences	<b>automatic_startup</b>	<p>Select this option, if you want the service to startup automatically, whenever the Bridge is started. Only users who are member of a group, to which the role <b>ADMIN</b> has been assigned, are allowed to change this option.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>This option can be globally disabled by the <b>Disable Automatic Service Startup</b> option on the <a href="#">node instance preferences</a>.</p> </div> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>When updating the BRIDGE, all deployed services (xUML, Node.js, and Java services) will be kept. However, the <b>automatic startup</b> option will be ignored on the very first start-up after the update.</p> </div>

Service Preferences	<b>minimum_uptime</b>	<p>To allow the Bridge to distinct whether the service has crashed during start-up or not, specify the minimum uptime of the Node.js service in seconds.</p> <p>Implications:</p> <ul style="list-style-type: none"> <li>• If the service crashes during the uptime period, the Bridge will assume that the service could not be started. No <b>Automatic Restart</b> will be applied.</li> <li>• If the service crashes after the uptime period, the Bridge will assume a crash. If option <b>Automatic Restart</b> is set, the Bridge will try to restart the service.</li> </ul>
Service Preferences	<b>owner</b>	<p>The group id of the user who has deployed the service. Only users who are member of a group, to which the role <b>ADMIN</b> has been assigned, are allowed to modify the owner of the service.</p>
Update	<b>service_startup_after_update</b>	<p>When updating the BRIDGE, all deployed services (xUML, Node.js, and Java services) will be kept. However, the <b>automatic startup</b> option will be ignored on the very first start-up after the update.</p>