

xUML Service Dump

Error dumps are written, when the service throws an exception that is not caught. Each single error is dumped into a separate file. On tab **Dump**, the Bridge displays a list of all accumulated error dump files, latest first.

By setting flag **Dump Context on Error** in the preferences section of the **xUML Service** tab, you can define whether error dumps are written at all. See [Preferences of an xUML Service](#) for more information on how to set this flag.

No error dump files will be created if

- the xUML service is running with **Trace** disabled (see [xUML service preferences](#) on the **xUML Service** tab)
- you are tracing the service synchronously or asynchronously with the Analyzer, no error dump files will be created. In this case, all tracing information will be picked up by the Analyzer (see [Missing Tracing Information](#)).

The screenshot shows the 'Calculations' window with the 'Dump' tab selected. The 'Error Dump Files' section displays a table with columns: File, File Date, File Size, and Actions. There are four entries in the table, each with a 'Delete' and 'Download' button. Below the table, it says 'Showing 1 to 4 of 4 entries' and has 'Previous', '1', and 'Next' navigation buttons. At the bottom, there are 'View' and 'Delete All Files' buttons.

File	File Date	File Size	Actions
error-2018-10-03-08-37-25_UTC-0.xml	2018-10-03 10:37:25.318	1 KB	Delete Download
error-2018-10-03-08-37-54_UTC-1.xml	2018-10-03 10:37:54.347	1 KB	Delete Download
error-2018-10-03-08-37-58_UTC-2.xml	2018-10-03 10:37:58.19	1 KB	Delete Download
error-2018-10-03-08-38-00_UTC-3.xml	2018-10-03 10:38:00.643	1 KB	Delete Download

Click on a filename in the list to view the content.

To delete an error dump file, click the corresponding **Delete** button. The file will be deleted without any further confirmation.

To clean up all error dump files, click **Delete all Files**.

The screenshot shows a confirmation dialog titled 'Delete All Error Dump Files'. It asks 'Delete all error dump files?' and has two buttons: 'Delete All Error Dump Files' and 'Cancel'.

A confirmation dialog is displayed. The action needs to be confirmed or canceled.

To download an error dump file, click the corresponding **Download** button. Once downloaded, an error dump file can be imported into the Analyzer or Builder for further analysis of the error.

You can **load the dump file into the Builder** to do more investigation on the error. The Builder will show the erroneous action node in the xUML model, so you can investigate the error on the spot. Refer to the [Builder User Guide](#) for more information on this.

On this Page:

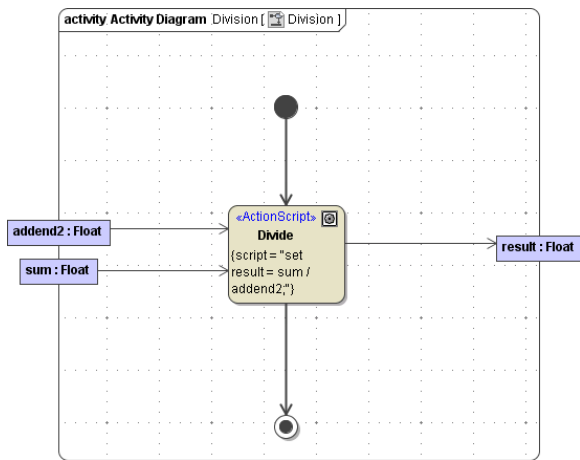
- [Interpreting the XML of an xUML Service Dump](#)

Related Pages:

- [Preferences of an xUML Service](#)
- [Missing Tracing Information](#)
- [View a Dump File with the Builder](#)

Interpreting the XML of an xUML Service Dump

The following example shows the error dump created due to a division by zero. The error will occur in action node **Division** of activity diagram **Division**.



The error dump file will look like:

<pre><?xml version="1.0" encoding="utf-8"?> <DebuggerMessage xmlns:xsd="http://www.w3.org/2001 /XMLSchema" xmlns:xsi="http://www.w3.org/2001 /XMLSchema-instance" xmlns:SOAP-ENC="http://schemas.xmlsoap. org/soap/encoding/"> <Session> <TransactionID>00000005618d676b0000144c000019b8105bfc03< /TransactionID> <SessionID>5</SessionID> </Session> <Exception> <category>Internal</category> <domain>FUASM</domain> <code>3</code> <description>Division by zero</description> </Exception> <Activity name="Division... _145497611 _16_6_2_56aa07e1_1285058950975_758301_10717" node="Divide... _145497611 _16_6_2_56aa07e1_1285059038644_247558_10789" statementIndex="1"> <Context> <addend2 xsi:type="xsd:float">0</addend2> <sum xsi:type="xsd:float">10</sum> </Context> </Activity> <CallStack> <Call name="urn:Services.Calculation.Ports. CalculationPortType.calculate" id="_145497611 IMPL_OF_OP_P_FE_urn: templateNS.NameOfPort1::TemplateRequest"/> <Call name="calling" id="calling... _145497611 _17_0_56aa07e1_1401794980541_538932_14267"/> <Call name="Division... _145497611 _16_6_2_56aa07e1_1285058950975_758301_10717" id=" _145497611 _16_6_2_56aa07e1_1285058950975_758301_10717"/> <Call name="Divide" id="Divide... _145497611 _16_6_2_56aa07e1_1285059038644_247558_10789" statementIndex="1"/> </CallStack> </DebuggerMessage></pre>	Transaction ID Error Message Activity with erroneous action Action node, where error occurred
---	--

You can **load the dump file into the Builder** to do more investigation on the error. The Builder will show the erroneous action node in the xUML model, so you can investigate the error on the spot. Refer to the [Builder User Guide](#) for more information on this.