

# report

|                |  |  |
|----------------|--|--|
| Syntax         | <pre>report(domain, state, description, parameter, timestamp); report(domain, state, description, details);</pre>  |  |
| Semantics      | <p>Use the <code>report()</code> function to write log messages into the transaction log file of the xUML service. The logged information is usable for all kinds of purposes, such as e.g. performance measurements or statistical evaluations. The <code>report()</code> function provides the same functionality as the <a href="#">Log Adapter</a>.</p> <p>The transaction log level of the xUML service must be at least set to <b>Custom</b> to be able to log to the transaction log.</p> |  |
| Substitutables | domain   | String literal defining an error domain.   |
|                | state  | Boolean, <b>true</b> or <b>false</b> : This will result in setting the status field in the log entry to <b>OK</b> respectively <b>ERROR</b> .  |
|                | description  | String literal containing a log message.   |
|                | parameter  | String literal containing an additional custom message. You can either log a <code>parameter</code> string or a <code>details</code> object.   |
|                | timestamp  | <p>Bridge 7.0.0-beta2 A custom timestamp. This parameter is optional. If it is not given, the timestamp in the transaction log will be generated from the current timestamp.</p> <div><p><code>timestamp</code> and <code>details</code> are mutual exclusive: You cannot provide a custom timestamp when providing a <code>details</code> object. In this case, the custom timestamp will be overwritten by the actual date and time.</p></div> |
|                | details  | Runtime 2020.6 Builder 7.8.0Object of complex type (class or array) that contains additional details. The contents of this object will be flattened and logged instead of <code>parameter</code> .   |

## Related Pages:

- [Log Adapter](#)
- [Preferences of an xUML Service](#)
- [xUML Service Transaction Log](#)
- [Contents of the Transaction Log](#)
- [Transaction Log Levels of an xUML Service](#)

## Examples

### Error Detail Object:

```
{
  "element": "YY-2388",
  "value": "Connector"
}
```

### Report Statement With Custom Timestamp:

```
report("Stock_Synchronization", true, "Synchronization
started.", "Item: YY-2388", myTimestamp);
```

```
... OK Stock_Synchronization CUSTOM Synchronization started.
Item: YY-2388
```

### Report Statement With Error Detail Object:

```
report("Stock_Synchronization", true, "Synchronization
started.", errorDetail);
```

```
... OK Stock_Synchronization CUSTOM Synchronization started.
e2e:type='ErrorDetail', element='YY-2388', value='Connector'
```

### Report With Error Detail Array:

```
... e2e:type='ErrorDetail', [0].element='YY-2388', [0].
value='Connector', [1].element='YZ-1222', [1].value='Adapter'
```

## Example File (Builder project E2E Action Language/Operating):



<your example path>\E2E Action Language\Operating\um\logger.xml