

-
-
- CASE

XMLYellowfinSQL

XMLSQL

YellowfinXML

1. Yellowfin/appserver/webapps/ROOT/WEB-INF/custom-functions.xmlXML
2. XMLYellowfin

Yellowfin

	<custom-function>	<function>
<custom-function>	<function>	<name><argument><sql><return> <aggregate>
<function>	<name>	name
<function>	<argument>	argumentSQLArgument<index><name><datatype>3
<argument>	<index>	argumentindexindexSQLindex1SQL\$1
<argument>	<name>	argumentname
<argument>	<datatype>	argumentdatatype <ul style="list-style-type: none"> • TEXT • NUMERIC • DATE • TIME • DATETIME • TIMESTAMP • GEOMETRY
<function>	<sql>	SQLSQLSQLSQLSELECT FROM WHERECASE WHEN ELSE ENDSQL\$1index 1
<function>	<aggregate>	aggregateSQLGROUP BYaggregateindex 1\$1
<function>	<groupby>	groupbySQLGROUP BYgroup byindex 1\$1
<function>	<database>	SQLServerPostgreSQLOpenEdgeProgressOracleDB2AccessNotesODBCMySQLMySQL

<function>	<return>	functionreturn <ul style="list-style-type: none">• TEXT• NUMERIC• DATE• TIME• DATETIME• TIMESTAMP• GEOMETRY
------------	----------	---

CASE

custom-functions.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<custom-functions>

<!-- functions are stored by name, so names must be unique, even across different databases -->

<!-- ratio function -->
<function>
  <name>Ratio</name>
  <argument>
    <index>1</index>
    <name>Numerator</name>
    <datatype>numeric</datatype> <!-- numeric, text, datetime -->
  </argument>
  <argument>
    <index>2</index>
    <name>Denominator</name>
    <datatype>numeric</datatype> <!-- numeric, text, datetime -->
  </argument>
  <sql>
    <![CDATA[
      CASE
        WHEN SUM($2) != 0 THEN SUM($1) / SUM($2)
        ELSE NULL
      END
    ]]>
  </sql>
  <aggregate>$1</aggregate>
  <aggregate>$2</aggregate>
  <database>SQLServer</database> <!-- Available for what DBs? SQLServer, PostgreSQL, OpenEdge, Progress,
Oracle, DB2, Access, Notes, ODBC, HSQL, MySQL -->
  <database>HSQL</database>
  <return>numeric</return> <!-- numeric, text, datetime -->
</function>

</custom-functions>
```