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- Case

XMLYellowfinSQL

XMLSQL

YellowfinXML

- XMLcustom-functions.xmlYellowfin/appserver/webapps/ROOT/WEB-INF/
- Yellowfin

Yellowfin

	<custom-function>	<function>1
<custom-function>	<function>	<name><argument><sql><return><aggregate>
<function>	<name>	name1
<function>	<argument>	argumentSQL3<index><name><datatype>
<argument>	<index>	argumentindexindexSQLindex1SQL\$1
<argument>	<name>	argumentname
<argument>	<datatype>	argumentdatatype1 <ul style="list-style-type: none"> • TEXT • NUMERIC • DATE • TIME • DATETIME • TIMESTAMP • GEOMETRY
<function>	<sql>	sqlSQLSQLSQLSELECT FROM WHERESQLCASE WHEN ELSE ENDSQL\$1index1
<function>	<aggregate>	aggregateSQLGROUP BYaggregateindex1\$1
<function>	<groupby>	groupbySQLGROUP BYgroupbyindex1\$1
<function>	<database>	1SQLServerPostgreSQLOpenEdgeProgressOracleDB2AccessNotesODBCHSQLMySQL
<function>	<return>	return1 <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>
```