ibec_BuildCube

Syntax

```
function ibec_build_cube(FileName, SelectSQL : string, Dimension,
                         Measures, Params : array of variants);
```

Example

The following illustrates the construction of an OLAP cube:

```
execute ibeblock
as
begin
  SelectSQL = 'select rf.rdb$relation_name, f.rdb$field_type,
f.rdb$field_length, f.rdb$field_precision
               from rdb$relation_fields rf, rdb$fields f
               where rf.rdb$field_source = f.rdb$field_name';

  vDimensions[0] = 'FieldName=RDB$RELATION_NAME; Alias="Table Name"';
  vDimensions[1] = 'FieldName=RDB$FIELD_TYPE; Alias="Field Type';

  vMeasures[0] = 'FieldName=RDB$FIELD_TYPE; Alias="Field Count";
CalcType=ctCount; Format=0';
  vMeasures[1] = 'FieldName=RDB$FIELD_LENGTH; Alias="Total Length";
CalcType=ctSum; Format=0';
  vMeasures[2] = 'FieldName=RDB$FIELD_PRECISION; Alias="Avg Precision";
CalcType=ctAverage';
```

Build and save cube in binary format:

```
  [[ibec_BuildCube]]('C:\test_cub.cub', SelectSQL, vDimensions, vMeasures,
null);
```

Build and save cube in XML format:

```
  ibec_BuildCube('C:\test_cub.xml', SelectSQL, vDimensions, vMeasures,
null);
end
```

From:
http://ibexpert.com/docu/ - **IBExpert**

Permanent link:
http://ibexpert.com/docu/doku.php?id=05-ibexpert-ibeblock-functions:05-27-miscellaneous-functions:ibec_buildcube

Last update: **2023/07/05 18:24**