Startup looks in msdt

msdt contains msdt.schema.xsd

for each schema in msdt

XMLSchemaProxy xsdProxy = new XMLSchemaProxy(msdt.schema.xsd)
xsdProxy.getSchemaProperties();

Vector tablesToCreate

the tables and their column names and datatypes which have to be created for storing events of this msdt type in the database

generates

TableInformation

contains for each msdt Type the Information which tables in the database are involved in storing documents of this msdt type

synchronize tablesToCreate with the tables in the Database

synchronizeSchemaToDB(tablesToCreate)

for each table in tablesToCreate

createTable

synchronizeTableToDB(Table table)

for each column in table

column exists in corresponding DB table

OK

column does not exist in corresponding DB Table

alterTableNewColumn