Subject: Defining columntype while appending columns
Posted by helloWorld22 on Thu, 15 Feb 2024 15:25:54 GMT
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Hi,
In DW SDK, while I want to define a columntype after initializing new columns, it is throwing exception.

firstNewColumn = dwInterface.initializeNewColumns(result.get(t).toArray(new String[0]));
dwInterface.setColumnType(firstNewColumn,
IPluginHelper.COLUMN_TYPE_STRUCTURE_FROM_SMILES);

The logic is to check if the new column added has a column header "SMILES", if so, then append the column as COLUMN_TYPE_STRUCTURE_FROM_SMILES.

It works fine when setColumnType is not used. But smiles are shown as String and not structure.

The exception occurs in line
dwInterface.setColumnType(firstNewColumn,
IPluginHelper.COLUMN_TYPE_STRUCTURE_FROM_SMILES);
as nullpointer exception.

The exception occurs in com.actelion.research.datawarrior.plugin.PluginHelper line:
mCoordinateColumn[column] = mTargetTableModel.addNewColumns(1);

Since mCoordinateColumn is not set in initializeNewColumns, it is throwing nullpointer exception.

Is it possible to set up a column type while appending column?