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iWD Data Mart Reference Guide

Activating IWD Aggregate Plugins

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Activating IWD Aggregate Plugins

From release 9.0.015

Starting with this release, Genesys strongly recommends using native plugins provided with iWD. Kettle aggregation plugins do NOT support dimensions added in this version. Usage of custom Kettle plugins is fully supported.

From release 9.0.014

From release 9.0.014 onwards, the **I_TASK_FACT_<SUBJ>_15MIN** aggregation tables (for standard aggregation plugins: agent, capture, classification, queue, age) are removed from the iWD Data Mart schema. The **H_TASK_FACT_<SUBJ>_15MIN** tables contain a full set of intervals. Check whether your custom plugins use **H_TASK_[Subj]_FACT_15MIN** or **I_TASK_[Subj]_FACT_15MIN** tables: if so you might need to adjust them. See the [Migration](#) page in the *iWD Deployment Guide*.

Similarly to activating statistics (see [Composition of IWD Statistics and Aggregates](#)), you activate a plug-in by appending it to the **plugins.properties** file, which is located in the **etl\plugins** subfolder.

Up to release 9.0.013

The iWD Data Mart has five embedded aggregation plug-ins:

- **AGE**
- **AGENT**
- **CLASSIFICATION**
- **CAPTURE**
- **QUEUE**

By default, only the task classification aggregate is enabled in this file to minimize ETL processing time and Data Mart size; this plug-in's content consists of the following single line:

```
${KETTLE_REPOS_DIR}\plugins\classif,task_classif_fact,native
```

To enable additional plugins, perform the following steps:

1. Stop iWD Data Mart runtime node.
2. Using an ASCII editor, open **plugins.properties**, add a row for each plug-in that you want to enable, and save.

Important

This file should not contain any extraneous lines.

For example, to add all the aggregate plug-ins, add these lines to the file as shown below:

```
${KETTLE_REPOS_DIR}\plugins\classif,task_classif_fact,native  
${KETTLE_REPOS_DIR}\plugins\age,task_age_fact,native  
${KETTLE_REPOS_DIR}\plugins\agent,task_agent_fact,native  
${KETTLE_REPOS_DIR}\plugins\capt,task_capt_fact,native  
${KETTLE_REPOS_DIR}\plugins\queue,task_queue_fact,native
```

Genesys also provides a sample file with all plugins enabled: **etl\plugins\all_plugins_example.properties**.

Important

Due to better performance results, iWD Data Mart uses the Groovy versions of the aggregation plugins instead of Kettle since release 9.0.009.xx.

But only the Kettle implementation of the aggregations plug-ins supports customization, so you can switch back to the Kettle version if needed:

```
${KETTLE_REPOS_DIR}\plugins\classif,task_classif_fact  
${KETTLE_REPOS_DIR}\plugins\age,task_age_fact  
${KETTLE_REPOS_DIR}\plugins\agent,task_agent_fact  
${KETTLE_REPOS_DIR}\plugins\capt,task_capt_fact  
${KETTLE_REPOS_DIR}\plugins\queue,task_queue_fact
```