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Chains for Doc41Web (BDS) Database

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# Document history

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| --- | --- | --- | --- | --- |
| **Reference number** | **Date** | **Chapter number** | **Change description** | **Changed by** |
| 1.0 | 19.09.2019 |  | Initial Version | Ingeborg Menge |

# General

The Doc for One Web Interface for Crop Science has the abbreviation BDS.

Repository: https://by-stsvn.bayer-ag.com/svn/DOC41WEBUI/trunk/doc41web

This document describes all chain jobs for interfaces from SAP to DOC41WEB or for cleanup.

## General files for chains

Prepare chain environment:

chains/bin/DOC41WEB/Chain-DOC41WEB.config

chains/bin/DOC41WEB/Chain-DOC41WEB.prepare

..inc/ORA-GBOD-DOC41WEB-Connect.inc

..inc/ORA-GBOQ-DOC41WEB-Connect.inc

..inc/ORA-GBOP-DOC41WEB-Connect.inc

Files for chains were in:

chains/resources/chain/DOC41WEB

Temporary files were created in:

chains/resources/chain/DOC41WEB/var/csv

## Cron Jobs

The cron jobs are included in the crontab and started frequently.

All cron files were in chains/bin/DOC41WEB

Jobs for the same database tables better run in the same cron job to avoid deadlocks.

Time is CET/CEST (central European time/central European summer time)

The following cron jobs were implemented:

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | **Frequence** | **Time** | **Description** |
| cronDOC41WEB-1.sh | Daily | 03:45 | Import Partner form SAP |

# Database Cleanup

To avoid to huge tables with unused data it is important to remove the data regularly.

At the moment the job did not run.

## Update User Information from Active Directory

Use

chains/bin/DOC41WEB/cronDOC41WEB-2.sh

|  |  |
| --- | --- |
| Chain | Cleanup\_Histories.chn |
| Sub Chains | Cleanup\_Histories.sql |
| Database table changed | IM\_MONITORING\_HISTORY |
| Scope | Delete data older than six months. |

Cleanup is not running yet.

# Data from SAP

## Export Stock Data to SAP BW

Use

chains/bin/DOC41WEB/cronDOC41WEB-1.sh

chains/bin/DOC41WEB/ cronDOC41WEBSAP-DB.sh

|  |  |
| --- | --- |
| Chain | Export\_Stocks.chn |
| Sub Chains | Export\_Stocks.sql |
| Database table used | DISTRIB\_STOCK\_HEADER  DISTRIB\_STOCK\_INVENTORY  UM\_USERS |
| Scope | Creates a file yyyymm\_BCS\_BW\_BayOrd\_Stocks.csv with exported stock data and copies it to BW (Business Warehouse) |