Microsoft Dynamics NAV To Database Integration

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Introduction

The process of using MS NAV Adapter is explained in this section. An example is provided of integrating MS NAV with MySQL Database. Four Process Flows are used to build integration. Based on the requirement, more Process Flows can be built. Wiki link iPaaS can be referred to, to learn about building Process Flows / Process Definition Language.

- **MS NAV Customers to DB Customers:**
    - To sync MS NAV Customers with Database Customers table.
- **MS NAV Invoice to DB Invoice:**
    - To sync MS NAV Invoice with Database Invoice table.
- **DB Customers to MS NAV Customers:**
    - To sync Database Customer table with MS NAV Customers module.
- **DB Invoice to MS NAV Invoice:**
    - To sync Database Invoice table with MS NAV Invoice module.

DBSync Setup

1. Login into www.mydbsync.com. Click on ***Customer Login***.
2. Enter your DBSync ***Username*** and ***Password*** and click on Login.
3. Once logged in, click on the **"My Home"** tab from the menu and click on Development Studio.
4. You will be re-directed to the DBSync Project Console.
5. Click on Connectors in the left section of Project Console. You will see MSNAV Connector.
6. Click on the MSNAV connector and update the details as mentioned below.
7. Retain the default ***classpath***.
8. Enter your MS NAV ***username & password*** in the specified field.
9. Enter the ***base URL*** for the server wherein MS NAV is installed. If DBSync is installed in the same machine where MS NAV is installed URL field needs not be entered.
10. Click on ***Save*** Properties to save MS NAV Database settings.
11. Click on ***Validate*** to confirm validation.
12. Click on the ***Database*** on the top left corner of the QuickStart window.
13. Enter your database ***URL.***
14. Enter your database ***username & password*** in the specified field.
15. ***The driver*** should be the type of database.
16. ***Autocommit*** should be true.
17. ***Dbname*** should be the name of the database.
18. Click on ***Save*** Properties to save MS NAV Database settings.
19. Click on ***Validate*** to confirm validation.

Running the Integration

Integration can be run using the scheduler or run button. The scheduler can be used to set up autorun. The run button can be used to run the integration manually.

Scheduler

1. Click on the ***Scheduler*** button on the top right corner of the DBSync profile page.
2. Select the required ***profile*** to schedule & Process.
3. Enter the frequency of sync under ***Cron Settings***.
4. In the bottom, Cron Scheduler will show the scheduled process.
5. In case, the scheduled process is no longer required, you may **delete** the schedule.

Manual Run

1. Click ***edit*** on the DBSync profile page.
2. Select the required ***process*** to run.
3. Click ***Run*** to manually initiate integration.