Installation Guide

This guide provides instructions for the installation and configuration of Microservice Builder.

Installing Microservice Builder

To install the Microservice Builder:

1. Download the `ms-builder` distribution TAR file from the Maven repository using the following command:

   ```
   $ wget -O ms-builder-<Version>.tar.gz http://<Host>:<port>/repository/maven-
   releases/com/digital/ms-builder/<Version>/ms-builder-<Version>.tar.gz --
   user=<User> --ask-password
   ```

   If there is an Authorization Failure error, you may not have the required permissions on the Nexus repository. To request access, contact AccessIT and ask to be added to the `PCI_NEXUS_DIGITAL_READ` group.

   > ✏ **Note**
   >
   > The command works from the Mobaxterm local terminal.

2. Specify the NTNET user for `<User>`.

3. Extract the `ms-builder` TAR file as follows:

   ```
   $ tar -xf ms-builder-<Version>.tar.gz
   ```

4. Optionally, perform the following:

   - For Windows, go to Control Panel > System and Security > System > Advance system settings. Modify the PATH variable to include the `<ms-`

`builder>/bin` directory. This setting enables the Microservice Builder to run from any directory.

- For Linux, add the `<ms-builder>/bin` directory to the PATH in the `.bash_profile` file under the home directory:

```
export PATH=$PATH:$HOME/ms-workshop/ms-builder/bin
```

Save the file and run `. ~/.bash_profile` to apply the changes in the current session.

Importing Dependencies

The `ms360-dependenices.tar.gz` artifact provides a Maven repository in the `.m2` format containing all SDK dependencies that are required to build an AMMP based microservice.

This repository can be imported to an external Maven repository such as Nexus or Artifactory. To import the repository use a built-in import option of the target repository, if available, or a third-party Maven tool, for example, Maven repository provisioner.

This repository can also be used as a local repository on your machine without an external Maven repository. To use it as a local repository, copy the repository into your `.m2` directory or, alternatively, set the `localRepository` attribute in your `settings.xml` file to point to it.

> ✏️ **Note**
>
> This repository includes only artifacts. Third-party artifacts will be loaded on demand when first generating or building a microservice.