IBM BAW Developer Tool

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Introduction

About this plugin

Visual studio code plugin for IBM BAW.A handy tool for development team, dev-ops team and production support team to manage. Plugins provide following features

- Manage multiple BAW environment from VSCode without login to multiple URLs.
- Manage BAW application snapshots from VSCode.
- Perform look up for orphaned snapshots.
- Support bulk actions.
- View snapshot configurations like toolkits, team bindings, REST servers, exposed process variables (EPV), environment variables.
- View nested toolkit dependencies.
- Compare configuration between two snapshots
- Compare snapshot between across different servers.
- Process smart view for process instance details.
- Open and view multiple process instance details in VSCode

Manage Servers

You can add, remove, and update multiple BAW server in the plugin. Multiple environments means you can view and manage application without leaving VSCode or without opening multiple browser tabs.

Add new BAW server

1. Open an empty text file in VSCode.

2. Type the following lines in order. Note password is optional fields is not including VSCode will ask later for password. Alias name Host URL Username Password

   - Alias Name - this is name show in the App Explorer view. Name something which can be used to identify the servers like DEV1, TST1 ...
   - Host URL - this the URL for BAW server
   - User name - (this is default username used to call the REST API, based on the action this user need required access)
   - Password - this is optional field. It this not provided VSCode will prompt a textbox to add the password.

3. Select all the line and type Ctrl+Shift+P and type **"BAW: Add new environment"**.

4. You can view the alias in the **App Explorer**.

Remove BAW server

1. Open a new text file .Type the name alias name.
2. Select the text and type Ctrl+Shift+P and type **"BAW:Remove enviroment"**.
3. To remove all the environments select **"BAW:Remove all environments"**.

Update BAW server

1. Open an empty text file in VSCode.

2. Type the following lines in order. Note password is optional fields is not includes VSCode will ask later for password Alias name Host URL Username Password

   - Alias Name - **use the existing alias name so the new information gets updated**
   - Host URL - this the URL for BAW server
   - User name - (this is default username used to call the REST API, based on the action this user need required access)
   - Password - this is optional field. It this not provided VSCode will prompt a textbox to add the password.

3. Select all the line and type Ctrl+Shift+P and type **"BAW:Add new environment"**.

4. You can view the alias in the App Explorer

Application explorer

All the BAW application and toolkits are show in the tree view. All the snapshots are shows under each application. Application name is shown along with the number of snapshots in the brackets. Snapshot name is show along with Branch name and status (Active, Default).

Reload and Searching

- Click the reload icon in top left corner of the App explorer.
- Select a item in the explorer ,then press Ctrl+F a new search dialog appear.

View Orphaned Snapshot

- Select a process app, then right click, select **'View orphan snapshot'**.
- All unused snapshots are show under **"Orphan snapshot"** panel.
- Bulk selection is also possible and results get added to the tree view.

Snapshot actions

- Select one or multiple snapshots, then right click, you will find options to "Make Default","Archive","Active","DeActive","View configuration".
- Actions are based on the current status of the selected snapshot(e.g "Make Default not show for a default snapshot").

View Snapshot Configuration

- **Right click** on the snapshot to view the current server configuration.
- This will show the Toolkits, Environment variables, Team Bindings, Servers(only REST),EPVs.
- In toolkits tab you can all the toolkits with nested dependencies.

Compare Snapshot Configuration

- **Right click** by selecting multiple snapshot, **'Compare config'** option is enabled.
- This will list all the difference between the snapshots.
- Click the swap button in between the snapshot name to compare it in reverse.

View process instance details

- Open a new file and type the instance ids one line each.
- Select all the lines and press Ctrl(Cmd in Mac)+Shift+P. Type **"BAW: View process instance details"**.
- This will open a new tab for each instance, and you can view the details.