TIBCO Flogo® Enterprise

Installation

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Installing TIBCO Flogo Enterprise Monitoring Application

Using the Flogo® Enterprise Monitoring application, you can monitor running Flogo Enterprise apps. The Flogo Enterprise Monitoring app collects metrics of flows and triggers from all registered running apps and provides a way to visualize the metrics.

To install the Flogo Enterprise Monitoring app:

Procedure

1. Download the `flogomon-<version>.zip` file.
2. Extract the `flogomon-<version>.zip` file.

   The `flogomon` folder created contains the following sub-folders:

Folder	Contains
`bin`	The `bin` folder contains executables to run the Flogo Enterprise Monitoring app on supported operating systems: 1) `flogo-monitoring-alpine_amd64` (UNIX executable) 2) `flogo-monitoring-linux_amd64` (Linux executable) 3) `flogo-monitoring-mac_amd64` (MAC executable) 4) `flogo-monitoring-windows_amd64` (Windows executable) 5) `startup.bat` 6) `startup.sh`
`config`	Contains the default configuration file, `config.env`, for the Flogo Enterprise Monitoring app.

Folder	Contains
	Note: You can override the settings in the `config.env` file by directly providing the configuration properties while starting the app.
`Dockerfile`	Builds a Docker image for the binaries in the `bin` folder.
`Dockerfile_alpine`	Builds a Docker Alpine image for the binaries in the `bin` folder.
`README`	This Readme file provides basic instructions on setting up the Flogo Enterprise Monitoring app.

Result

You can now use the UI of the Flogo Enterprise Monitoring app for monitoring Flogo Enterprise apps and visualizing the metrics. For more information on using the Flogo Enterprise Monitoring app, refer to the "About the TIBCO Flogo® Enterprise Monitoring App" section in the *TIBCO Flogo® Enterprise User Guide*.

Installing TIBCO Flogo Flow State Manager

Using TIBCO Flogo Flow State Manager and the TIBCO Flogo® Enterprise Monitoring app, you can collect information about the state of all executed flows of a Flogo app.

TIBCO Flogo Flow State Manager acts as an interface between a Flogo app and the TIBCO Flogo® Enterprise Monitoring application. The Flogo app pushes data to the TIBCO Flogo Flow State Manager. The TIBCO Flogo Flow State Manager then persists the data to the supported database (currently, PostgreSQL). From the TIBCO Flogo Flow State Manager, the TIBCO Flogo® Enterprise Monitoring application gets information about the state of all executed flows of a Flogo app and displays it on the UI.

To install the TIBCO Flogo Flow State Manager:

Procedure

1. Download the `flogo_flow_state_manager.tar` file.
2. Extract the `flogo_flow_state_manager.tar` file.

   The `flogo_flow_state_manager` folder that is created contains the following subfolders:

Folder	Contains
`bin`	The `bin` folder contains executables to run the TIBCO Flogo Flow State Manager on supported operating systems: • `flowstatemanager-windows_amd64` (Windows executable) • `flowstatemanager-linux_amd64` (Linux executable) • `flowstatemanager-darwin_amd64` (Mac executable)
`config`	Contains configuration files for each supported database. Currently, PostgreSQL is the only database supported. • `config.json`: The default configuration file for TIBCO Flogo Flow State Manager.

Folder	Contains
	• `flowstate.sql`: Script to create the `flowstate`database table. **Note:** If you are running the `flowstate.sql` script in a terminal, convert the script content to a single continuous line. • `step.sql`: Script to create the `step` database table. **Note:** If you are running the step.sql script in a terminal, convert the script content to a single continuous line.
`deployments`	Contain files that build a Docker image for the supported databases.
`deployments/k8s`	Contains artifacts for a Kubernetes deployment. • `deployment.yml`: Manifest file for the deployment and service. • `deploy.sh`: Script to define configmap, service, and deployment. • `undeploy.sh`: Script to delete all objects created by the `deploy.sh` script.

3. From the `bin` folder, run the executable for your operating system. For example, for Windows, run `flowstatemanager-windows_amd64.exe`.

Result

You can now use the TIBCO Flogo Flow State Manager and the TIBCO Flogo® Enterprise Monitoring app to collect information about the state of all executed flows of a Flogo app. For more information, see the "Monitoring" section in *TIBCO Flogo® Enterprise User Guide*.

Installing TIBCO Flogo - App Build CLI

TIBCO Flogo® - App Build Command Line Interface is a command-line tool for building Flogo application executables and Docker images, testing Flogo applications, packaging executables into Docker images, and creating TIBCO Platform zip files.

1. Download the Flogo® - App Build Command Line Interface (CLI) from the TIBCO Downloads page.

   > **Tip:** You can find Flogo - App Build CLI in the TIBCO Flogo Enterprise Software section under TIBCO Integration for TIBCO Platform, or in the TIBCO Flogo Enterprise product listings.

2. Extract the `TIB_flogo-app-build-cli_<version>.zip` file.

   The extracted folder contains the following subfolders:

Folder	Description
windows_amd64	Executable for 64-bit Windows systems.
darwin_amd64	Executable for Intel-based macOS systems.
darwin_arm64	Executable for Apple Silicon (M1/M2) macOS systems.
linux_amd64	Executable for 64-bit Linux systems.

3. Run the executable for your operating system. For more information about using Flogo - App Build CLI commands, see Building App Executables and Docker Images Using Flogo - App Build CLI.

Result

You can now use the Flogo - App Build CLI tool to build your Flogo applications.

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the Product Documentation website, mainly in HTML and PDF formats.

The Product Documentation website is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The documentation for TIBCO Flogo® Enterprise is available on the TIBCO Flogo® Enterprise Product Documentation page.

How to Contact Support for TIBCO Products

You can contact the Support team in the following ways:

- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our product Support website.
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the product Support website. If you do not have a username, you can request one by clicking **Register** on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature

requests from within the TIBCO Ideas Portal. For a free registration, go to TIBCO Community.

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