TIBCO Flogo® Extension for Visual Studio Code

Release Notes

Version 1.3.1 | June 2025

Contents

Version 1.3.1

New Features

The following features have been added in this release of TIBCO Flogo® Extension for Visual Studio Code.

Customizable REST HTTP Code Handling

You can customize code handling to ensure that an error response code of 400 or higher moves the flow execution to the error handler. For more information, see InvokeRESTService.

Flogo - App Build CLI for Building Apps

You can use TIBCO Flogo® - App Build Command Line Interface to build Flogo applications and Docker images, and run unit tests for Flogo apps. For more information, see Building App Executable Files and Docker Images Using Flogo - App Build CLI.

Support for Drilldown of Subflow Activities in Test Case Play Feature

You can visualize the execution of all activities within subflows in the Test Case Play feature, addressing customer requests for enhanced visibility into end-to-end execution, including nested subflows. For more information, see Playing a Test Case Once.

Option to Import New Flogo Applications into Existing Applications

You can import new .flogo or .json applications into existing applications and view connections, triggers, and flows available for import. For more information, see Importing an App into an Existing App.

New Environment Variables

The following environment variables have been introduced:

- FLOGO_LOG_CTX: Use this variable to enable context logging for the application. When set to true, context, such as application name, version, tracing details, and flow details, is included in engine and connector logs.

- FLOGO_LOG_CTX_FIELDS: When context logging is enabled, set this variable to add

custom context fields to the logging context.

- FLOGO_ENV: Set this variable to specify the name of the deployment environment (for example, dev, staging, production). By default, this value is included in the logging context (if enabled) and in Flogo OpenTelemetry traces and metrics.

- FLOGO_APP_METRICS_PROMETHEUS_LABELS: Set this variable to add custom labels to the Flogo Prometheus metrics.

For more information on these variables, see Environment Variables.

Render the Root Element of the Activity

You can now map the activity output root directly in downstream activity mappings.

Azure Key Vault Secrets Integration

TIBCO Flogo® Enterprise retrieves values for Flogo app properties from Azure Key Vault Secrets and overrides those property values at runtime. For more information, see Azure Key Vault Secrets.

EMS New Features

The following new feature has been added in this release of TIBCO Flogo® Connector for TIBCO Enterprise Message Service™.

TIBCO Flogo® Connector for TIBCO Enterprise Message Service™ supports creating durable subscribers that store messages published to a topic on the EMS server.

SFTP New Features

The following features have been added in this release of TIBCO Flogo® Connector for SFTP.

SFTP Connection Retry Mechanism

The system supports SFTP connection retries. Retries occur based on the configured connection retry count and connection retry interval. If the first retry fails, the wait time for each subsequent retry doubles.

Retry on Error

Use the Retry on Error tab to set how many times the flow attempts to rerun an activity after a retriable error, such as server startup delays, intermittent connection failures, or connection timeouts.

Changes in Functionality

This section lists the change in functionality since the last release of TIBCO Flogo® Extension for Visual Studio Code.

- When importing a flow, if a schema with the same name exists, you can rename the imported schema and update all references. You can retain both the schemas during the import process.

- App name validation now supports underscores and capital letters. You can use hyphens and underscores in the middle of app names.

Deprecated Features

No features have been deprecated in this release of TIBCO Flogo® Extension for Visual Studio Code.

Removed Features

No features have been removed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release of TIBCO Flogo® Extension for Visual Studio Code.

EMS Migration and Compatibility

The following table provides migration and compatibility matrix for this release of TIBCO Flogo® Connector for TIBCO Enterprise Message Service™.

Connector Version	Flogo Runtime Version	Compatibility
1.0.0	2.25.4	Incompatible
1.0.1	2.25.3 and earlier	Incompatible
1.0.1	2.25.4	Compatible

> ✓ **Tip:** To avoid compatibility issues, use TIBCO Flogo® Connector for TIBCO Enterprise Message Service™ version 1.0.1 with Flogo runtime version 2.25.4.

Closed Issues

The following issues have been closed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Key	Description
FLOGO-15622	In unit testing, if an activity configured with **Loop Type** and the **Accumulate** option is enabled, it only displays the result of the final iteration.
FLOGO-15615	Redis connection properties might get altered when using with EMS/SQL Server connector, resulting in exceptions during application runtime.
FLOGO-15614	Groups added at the root (parent) level are added inside existing groups or connection properties.
FLOGO-15479	Invocation of REST Activity fails with a nil pointer error.

Key	Description
FLOGO-15442	The $error.<Activity> element does not work.
FLOGO-15025	The Flogo unit tester mock output response cannot be updated after closing and reopening a project.

EMS Closed Issues

The following issue has been closed in this release of TIBCO Flogo® Connector for TIBCO Enterprise Message Service™.

Key	Summary
FGEMS-34	Durable topic subscribers are not supported.

SFTP Closed Issues

The following issues have been fixed in this release of TIBCO Flogo® Connector for SFTP.

Key	Summary
FGSFTP-60	TIBCO Flogo® Connector for SFTP does not support reconnection if the connection is lost or interrupted.
FGSFTP-49	The input and output parameter structures for TIBCO Flogo® Connector for SFTP activities are not displayed until an SFTP connection is selected.

Version 1.3.0

New Features

The following features have been added in this release of TIBCO Flogo® Extension for Visual Studio Code.

New Input Parameters in a Mapper Variable

AppName and **AppVersion** parameters are available in $flowctx mapper variable. For more information, see Scopes in Data Mappings.

Option to Implement App Specs

You can create a Flogo app logic (flow) by implementing an imported OpenAPI spec. For more information, see Implementing App Specs.

Build Process Optimization

You can optimize the local build process by downloading the required Golang modules from the prerequisites. For more information, see Prerequisites for Connectors.

Option to Install Go Version 1.23.7

You can install the Golang version 1.23.7 from the prerequisites. For more information, see Prerequisites for Connectors.

Newly Supported Connector

TIBCO Flogo® Connector for Mailchimp is the newly supported connector in this release. For more information, see TIBCO Flogo® Connector for Mailchimp.

Changes in Functionality

This section lists the change in functionality since the last release of TIBCO Flogo® Extension for Visual Studio Code.

App name validations have been applied when creating and renaming the Flogo apps. App rename validations are only applied when you rename them from the TIBCO Flogo® Extension for Visual Studio Code user interface.

Deprecated Features

No features have been deprecated in this release of TIBCO Flogo® Extension for Visual Studio Code.

Removed Features

No features have been removed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release of TIBCO Flogo® Extension for Visual Studio Code.

Closed Issues

The following issues have been closed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Key	Description
FLOGO-15282	If you export a Flogo app from TIBCO Cloud Integration, which is configured with HTTP Client Auth connection in basic authentication mode and run in TIBCO Flogo® Extension for Visual Studio Code, it fails with the following error: Failed to resolve the property <token>.
FLOGO-15150	Right-click context menu options, such as Copy, Cut, and Paste, do not

Key	Description
	work.
FLOGO-14826	When you edit a runtime and switch tabs, all the input data is reset, and you must repopulate the fields.
FLOGO-14630	When you copy an app, the timestamp field is empty.
FLOGO-13785	If you create a new flow and try to open the subflow activity with the open subflow icon without saving it, the display freezes.
FLOGO-13761	If you upload a .proto file with cyclic dependency, the Maximum call size stack exceeded error is shown.
FLOGO-13125	You cannot move from one flow to another in the error handler.

Version 1.2.1

New Features

The following features have been added in this release of TIBCO Flogo® Extension for Visual Studio Code.

Platform-specific Environment Variables

You can set platform-specific environment variables. These variables can be set for app executables, Unit Test Play Mode, and all unit tests in TIBCO Flogo® Extension for Visual Studio Code. For more information, see Setting Environment Variables.

Build Time Optimization in Local Runtime

You can use the **Always Recreate Flogo Executable** option to optimize build time in local runtime for TIBCO Flogo® Extension for Visual Studio Code. For more information, see Configuring the Runtime.

Authorization Header in InvokeRESTService

Authorization header is added under the default request headers in the **InvokeRESTService** activity. For more information, see InvokeRESTService.

HTTP Redirect Option in InvokeRESTService

You can control HTTP redirects for **InvokeRESTService** activity. For more information, see InvokeRESTService.

Supported Characters in Path Field of REST trigger

The Path field in REST trigger supports wildcard characters. For more information, see REST Trigger - ReceiveHTTPMessage.

New Attribute in Activity Span

A new flogo.task.type attribute is added to activity span to improve traceability and correlation with actual activities. For more information, see the Flogo Related Attributes in OpenTelemetry Collector section in TIBCO Flogo® Enterprise User Guide.

Newly Supported Features in a Connector

TIBCO Flogo® Connector for EMS has several newly supported features. For more information, see TIBCO Flogo® Connector for EMS.

Option to Cancel an App Compilation or Build

You can stop an app compilation or build for local runtime when it is in progress. For more information, see Building and Running your App Locally.

Changes in Functionality

No functionality changes have been made in this release of TIBCO Flogo® Extension for Visual Studio Code.

Deprecated Features

No features have been deprecated in this release of TIBCO Flogo® Extension for Visual Studio Code.

Removed Features

No features have been removed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release of TIBCO Flogo® Extension for Visual Studio Code.

Closed Issues

The following issues have been closed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Key	Description
FLOGO-15200	You cannot provide a data field for Mock Exceptions in the Unit Test framework.
FLOGO-15182	Application run with HTTP Client Authorization connection configured in basic auth mode fails with the Scope must be set and must not be empty error.
FLOGO-15146	If a folder name has spaces, you can build an app inside, but it fails to run.
FLOGO-14944	When trying to authenticate the environment or build, run, and deploy the app on TIBCO Platform from TIBCO Flogo® Extension for Visual Studio Code, if the Data Plane has some error, or it has been deleted or scaled down, meaningful error messages are not shown.
FLOGO-14835	The **Data** field for Mock Exceptions is not visible in Unit Testing.
FLOGO-14738	Deleting conditions does not work in array items.
FLOGO-13995	The **InvokeRESTService** activity gives an Invalid HTTP URL error if the URL has an asterisk.
FLOGO-12400	The expand functionality does not work for Query Editor and Metadata Fields for connectors that use Query Editor.

Version 1.2.0

New Features

The following features have been added in this release of TIBCO Flogo® Extension for Visual Studio Code.

POM File Generation for a Flogo App

You can generate a POM file for a Flogo app on TIBCO Flogo® Extension for Visual Studio Code to get started with a Maven build. For more information, see Creating a Flogo App.

oneOf and anyOf Feature Compatibility with App Schemas

You can select schemas for oneOf or anyOf keywords when an app schema is attached in activities or trigger. This choice reflects when apps are exported and imported. For more information, see Combining Schemas Using Keywords.

Retry on Error Option in Subflows

You can run a subflow again in case of an error by selecting the **Retry on Error** option. For more information, see Creating Subflows.

Resizable Configuration Panel

You can resize or collapse the columns when using the configuration panel. For more information, see Creating Flows and Triggers.

Newly Supported Connector

TIBCO Flogo® Connector for IBM MQ is the newly supported connector in this release. For more information, see TIBCO Flogo® Connector for IBM MQ.

Import and Manage Specs

You can go to the **SPECS** tab and import specs locally or from runtime. REST trigger and activity, GraphQL trigger, and gRPC trigger and activity support app level specs. For more information, see Creating a Flogo App.

Changes in Functionality

This section lists changes in functionality since the last major release of TIBCO Flogo® Extension for Visual Studio Code.

- When you copy a flow, the new flow is saved with the same name that has _1 appended to it. For example, if you copy a flow named **Sample**, the copied flow is **Sample_1**. If the flow description is long, an ellipsis hides the extra characters.

- To deploy Flogo apps on TIBCO Control Center using the platform runtime in TIBCO Flogo® Extension for Visual Studio Code, you must accept the end-user license. In TIBCO Flogo® Extension for Visual Studio Code version 1.1.1, app deployment fails if the capability version 1.5.0 is provisioned on TIBCO Platform. You must upgrade TIBCO Flogo® Extension for Visual Studio Code to version 1.2.0.

- You can drag a non-string field to a string type of input in the data mapper. The mapped variable is wrapped with coerce to string function implicitly.

- When you open a flow, validation is no longer auto-triggered. You must click the **Validate** button.

- An API spec or schema with cyclic dependency is converted into an empty JSON object that can be mapped.

- Any properties without values are no longer auto-saved. You must use the **Save** button to save app properties.

Deprecated Features

No features have been deprecated in this release of TIBCO Flogo® Extension for Visual Studio Code.

Removed Features

No features have been removed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release of TIBCO Flogo®
Extension for Visual Studio Code.

Closed Issues

The following issues have been closed in this release of TIBCO Flogo® Extension for Visual
Studio Code.

Key	Description
FLOGO-13839	The .flogo file contains multiple branches in the error handler, but the corresponding .flogotest file only displays one branch.
FLOGO-11642	App properties without any value are getting saved.

Version 1.1.1

New Features

The following features have been added in this release of TIBCO Flogo® Extension for Visual Studio Code.

Support for File Activities

The following activities are now supported in TIBCO Flogo® Extension for Visual Studio Code:

- Archive Files
- Copy File
- Create File
- List Files
- Read File
- Remove File
- Rename File
- Unarchive File
- Write File

For more information, see File Category Trigger and Activities.

OpenTelemetry Span Type

You can now use the FLOGO_OTEL_SPAN_KIND variable to specify the type of span for OpenTelemetry. For more information, see Environment Variables.

Log Stream Output

You can now use the FLOGO_LOG_CONSOLE_STREAM variable to choose the log output stream. You can set it to either stdout or stderr. The default value is stderr. For more information, see Environment Variables.

Custom Swagger Endpoint

You can now set a custom URI for the Swagger endpoint using the FLOGO_SWAGGER_EP variable. For more information, see Environment Variables.

Newly Supported Connector

TIBCO Flogo® Connector for SFTP is the newly supported connector in this release. For more information, see TIBCO Flogo® Connector for SFTP.

Changes in Functionality

This section lists changes in functionality since the last major release of TIBCO Flogo® Extension for Visual Studio Code.

- The software statement for TIBCO Flogo® Extension for Visual Studio Code has been updated. You must reauthorize the existing TIBCO Platform runtime.

- When generating an application docker image locally, a container instance of the app Docker image is started. The container instance is terminated after you close the application. For more information, see Generating an Application Docker Image Locally.

Deprecated Features

No features have been deprecated in this release of TIBCO Flogo® Extension for Visual Studio Code.

Removed Features

No features have been removed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release of TIBCO Flogo®
Extension for Visual Studio Code.

Closed Issues

The following issues have been fixed in this release of TIBCO Flogo® Extension for Visual
Studio Code.

Key	Description
FLOGO-14274	No data type is populated for the content matcher app property field for the TCM connector.
FLOGO-14127	When using the Run action with Local runtime and mode as Executable, environment variables are not supported and the app fails.
FLOGO-11649	When creating a connection, the fields in the **connection details** dialog that support app properties are not marked with the **app properties** icon.

Version 1.1.0

New Features

The following features have been added in this release of TIBCO Flogo® Extension for Visual Studio Code.

Support for gRPC Trigger

You can now use the gRPC trigger as a server for gRPC clients. For more information, see gRPC Trigger.

Support for Coerce with Schema

You can now coerce a parameter to take the value from a schema dynamically defined during design time. For more information, see Coercing of Activity Input, Output, and Trigger Reply Fields.

Flow Exception Assertions in Test Cases

In test cases, you can now add flow exception assertions. For more information, see Creating and Running a Test Case.

Assert Options in Flow Outputs

In Flow Outputs, you now have the following options for assertions: **Execute (Default)**, **Assert on Output**, and **Assert on Error**. For more information, see Creating Assertions for Flow Output.

Support for allOf and oneOf JSON Schema Constructs

You can now use the allOf and oneOf OpenAPI 3.0 keywords to combine schemas. For more information, see Combining Schemas Using Keywords.

Ability to Configure Environment Variables

You can now configure environment variables under the **Configure and Run** option. This works only on local runtime. For more information, see Running the App Locally.

Support for Compression Functions GZip and GUnZip

You can now use the compression.gzipCompress and compression.gzipUncompress functions. For more information, see Compression Functions.

Support for App Level Validation

With app level validation, you can now validate all the application flows on the flow list page and monitor any errors and warnings. For more information, see Validating your App Flow.

Support for GraphQL Trigger

You can now use the GraphQL Trigger to connect to the GraphQL server. For more information, see GraphQL Trigger.

Support for Unit Test Case Play Feature

In the local runtime environment, you can now test a flow once with the unit test case play feature and see the activity inputs and outputs. For more information, see Playing a Test Case Once.

Integration of the Flow Notes Feature

You can now add notes to the different flows in an activity. For more information, see Using Notes.

Support for Docker Image Generation

You can now build an application Docker image locally and run as an application Docker container. For more information, see Generating an Application Docker Image Locally.

Newly Supported Connectors

TIBCO Flogo® Connector for OData and TIBCO Flogo® Connector for Google Pub/Sub are the newly supported connectors in this release. For more information, see Supported Flogo Connectors.

Changes in Functionality

No functionality changes have been made in this release of TIBCO Flogo® Extension for Visual Studio Code.

Deprecated Features

No features have been deprecated in this release of TIBCO Flogo® Extension for Visual Studio Code.

Removed Features

No features have been removed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release of TIBCO Flogo® Extension for Visual Studio Code.

Closed Issues

The following issues have been fixed in this release of TIBCO Flogo® Extension for Visual Studio Code.

Key	Description
FLOGO-13603	Empty assertions are not allowed in **Assert on Exception** and **Assert on Outputs** modes for runtime.
FLOGO-13548	In a flow, the throwError activity does not execute and gives an error message.
FLOGO-13545	A test case is marked as Passed even if it has not-executed activities with assertions.
FLOGO-13371	While adding an app property, if you click the field toggle, the app property cannot be added.

Key	Description
FLOGO-13299	An app binary created from the platform runtime does not have execute permissions.
FLOGO-13279	When a flow is outside the visible canvas and includes the scroll view, the Branch configuration icon is missing and does not work as expected.
FLOGO-13262	In unit testing, assertions that are not executed are incorrectly counted in the execution count.
FLOGO-13254	You cannot drag a transition from an activity that has multiple incoming branches.
FLOGO-13234	(macOS) You cannot build a binary for the linux_amd64 platform.
FLOGO-13232	The test results for test cases and test suites are not visible on the terminal if you connect to the platform runtime.
FLOGO-13206	If you change the name of an activity and switch to the unit test file, and then navigate to the activity whose name is changed, the assertion disappears but the activity name on the tile is updated correctly.
FLOGO-13115	If you switch from an activity which has an Assert to an activity which has a Mock, both Mock and Assert are visible as selected.
FLOGO-12947	The toggle to attach an app schema is not visible for a request and response body in the **List View** of the **Flow Inputs & Outputs** dialog when ••• is clicked.
FLOGO-12767	A deleted connection continues to show on the Connection tab.
FLOGO-11704	After updating a branch condition, connection lines are not updated.

Version 1.0.0

New Features

This is the first release of TIBCO Flogo® Extension for Visual Studio Code.

Known Issues

The following issues exist in this version of TIBCO Flogo® Extension for Visual Studio Code.

Key	Description
FLOGO-15585	**Summary:** Mocking a subflow in unit test play mode does not allow users to navigate into the called flow, which remains unexecuted. **Workaround:** None
FLOGO-15577	**Summary:** Setting key-value pair as a value of an environment variable through the **Configure and Run Action** does not work. **Workaround:** Perform the steps in Setting Environment Variables.
FLOGO-15570	**Summary:** Both the main flow and the error handler flow are highlighted when called from a nested subflow in the error handler. **Workaround:** None
FLOGO-15542	**Summary:** When importing an existing connector app with changes to the connection, those changes are not reflected. **Workaround:** Manually update the connection with the required changes.
FLOGO-15535	**Summary:** The fe_metadata section in the .flogotest JSON file does not revalidate against the updated schema, as the removed property still exists at the parent level. **Workaround:** Manually delete the removed property from the .flogotest JSON file.
FLOGO-15534	**Summary:** Changes made to the schema do not auto-reflect in the .flogo app JSON output fields of activity. **Workaround:** After updating the app schema, open the flow and edit the activities.

Key	Description
FLOGO-15518	**Summary:** If you do not select the primary checkbox of the schema, it does not show up in the preview. However, it is visible in the app after import. **Workaround:** None
FLOGO-15502	**Summary:** Modifying the Flogo app does not stop the execution of the play feature in Unit Test mode. **Workaround:** Manually stop the test case execution in play mode.
FLOGO-15498	**Summary:** Any renamed trigger is not displayed on the flow list page after importing the app. **Workaround:** Open the flow and then navigate to the flow list page to see the renamed trigger.
FLOGO-15310	**Summary:** You cannot create a new connection during import, and the changes in the connection of an imported app are not reflected. **Workaround:** Update the existing connection with the required changes that you want to import, or create a new connection and select the activities and triggers.
FLOGO-15307	**Summary:** The default blank flow remains in the app when flows are implemented using a Spec. **Workaround:** After implementing flows from a Spec, delete the default flow if it is not required.
FLOGO-14954	**Summary:** When you use **ProtobufToJSON** activity, you get the following error message: Unable to get message descriptor from registry. **Workaround:** None
FLOGO-14947	**Summary:** When an attached spec in a trigger or activity is deleted from the **SPECS** tab, no error is displayed. **Workaround:** None. Update the trigger or activity settings manually to use another spec.

Key	Description
FLOGO-14882	**Summary:** Changes are not reflected in the **InvokeRestService** activity configuration when the attached app spec is updated. **Workaround:** Reset the **Use app level spec** toggle and re-select the same spec. The changes are updated in the activity configuration.
FLOGO-14773	**Summary:** On the **Import specs** dialog, specs from the TIBCO Developer Hub display version 0.0.0. **Workaround:** None. Once a spec is imported, it shows the OpenAPI version of the spec.
FLOGO-14699	**Summary:** On adding **ReplyToTrigger** activity in the error handler flow for the first time, the mappings of **REST** trigger are not reflected. **Workaround:** Delete the **ReplyToTrigger** activity and add it again.
FLOGO-14683	**Summary:** Mapping, where an app property is already mapped, is not updated if the app property is moved from the root level to a group or from a group to the root level. **Workaround:** Update the app property mapping manually.
FLOGO-14602	**Summary:** Existing Oracle Database connection must be reconnected to server with upgrade of TIBCO Flogo® Extension for Visual Studio Code from version 1.1.1 to 1.2.0, otherwise app fails at runtime. **Workaround:** After upgrading TIBCO Flogo® Extension for Visual Studio Code, re-establish the Oracle Database connection and then Build and Run the application.
FLOGO-14340	**Summary:** On collapsing and then re-expanding the activity or trigger configuration, the number of mappings is removed from the right-most configuration panel. The data mappings remain the same. **Workaround:** Close and reopen the activity or trigger configuration.
FLOGO-14311	**Summary:** Windows Prerequisite script for Oracle Driver installation fails for chocolatey installation.

Key	Description
	Workaround: Update the following command with the appropriate path to the script: powershell.exe -ExecutionPolicy Bypass -File ".\vscode-preinstall.ps1" oracle -Verb RunAs and run it as administrator in PowerShell.
FLOGO-14011	**Summary:** An app schema with oneOf keyword attached to REST trigger, InvokeRest, and mapper activities does not show up on exporting and then re-importing the app.
	Workaround: Enter the schema directly instead of attaching it when using a schema having a oneOf keyword in the Input settings.
FLOGO-13705	**Summary**: You cannot select oneOf for anyOf schema in the Start a Subflow activity.
	Workaround: Use schemas with oneOf or anyOf keywords in the main flow.
FLOGO-13676	**Summary:** Adding app schema from the Select view is not allowed from flow input/output.
	Workaround: Add the app schema from the App schema tab, then attach it from the app schema toggle in the flow input/output.
FLOGO-13367	**Summary:** Unable to delete the assertions added in flow output.
	Workaround: None
FLOGO-13326	**Summary:** A test case is marked as Passed even if it has not executed activities with assertions.
	Workaround: Check the test results file for any such test cases with activities having one or more assertions that are not executed.
FLOGO-13300	**Summary:** On TIBCO Flogo® Extension for Visual Studio Code, when you try to connect to Oracle Database using the **Install Prerequisite** option, the test connection fails with the libsora.so.21.1 file not found message on Ubuntu 24.
	Workaround: Remove unused or unnecessary Oracle drivers and use the pre-install script to reinstall them.

Key	Description
FLOGO-13284	**Summary:** If test cases are exported from TIBCO Cloud Integration and run without test suites, the test run fails. **Workaround:** Create a test suite, add the test cases to the test suite, and then run the test.
FLOGO-13230	**Summary:** App upgrade fails in TIBCO Flogo® Extension for Visual Studio Code when importing the app from TIBCO Cloud Integration. **Workaround:** Rename the app with a *.flogo* extension and navigate to any flow.
FLOGO-13205	**Summary:** The Throw Error activity fails with the following error: Error evaluating activity 'ThrowError'
FLOGO-13118	**Summary:** (Windows) While removing, modifying, or repairing a driver using prerequisite installation scripts, an incorrect installation message such as the following is displayed: Successfully installed Amazon Redshift Driver... **Workaround:** None
FLOGO-13093	**Summary:** After discarding changes in the activity configuration, the **Open Subflow** icon is still present in the activity tile. **Workaround:** Navigate out of and then back into the same flow.
FLOGO-13082	**Summary:** In the activity configuration, when you click the **Open Subflow** icon, the UI is disabled. **Workaround:** Save the changes and then click the **Open Subflow** icon.
FLOGO-12340	**Summary:** After saving mapping changes in any tab of an activity configuration window, you cannot switch to another tab without saving even if no new changes are made. **Workaround:** Save the changes again.

Key	Description
FLOGO-11904	**Summary:** After a request is complete for an HTTP trigger app with proxy mode, an error is displayed in the logs. **Workaround:** You can ignore the error as the flow execution is complete. You can also change the processing mode to Data and then back to proxy to remove the error.
FLOGO-11813	**Summary:** When you copy an app into a workspace, the Password type values are also copied. **Workaround:** None
FLOGO-11673	**Summary:** If you select the **Coerce with schema** option at the object level mapper, no action is performed. **Workaround:** None
FLOGO-11640	**Summary:** After clicking **Validate**, the Validation successful and Successful with errors warning messages are not displayed on the UI. **Workaround:** None
FLOGO-11599	**Summary:** The menu for clear mapping, add condition, and reset is visible even after clicking outside. **Workaround:** Switch between the tabs.
FLOGO-11483	**Summary:** After adding an activity or trigger in the flow canvas, its panel does not close even after clicking anywhere on the canvas. **Workaround:** Click **Activities/Trigger** to close the panel.
FLOGO-10802	**Summary:** The field with space or special character in the property name does not work in filter expressions of functions. **Workaround:** When a user uses the $loop expression in the filter conditions of the array.forEach with source expression mapping and the property from available data has a space or special character in between of the property name, the user must insert an additional identifier ["<loopName>"] in the $loop expression.

Key	Description
FLOGO-8432	**Summary:** When you use array.forEach, you get an error when mapping child elements through $loop.xxxxx. **Workaround:** None
WISNFK-219	**Summary:** (macOS) An incorrect SQL query does not display any error. **Workaround:** Insert a valid SQL query that provides the metadata.

EMS Known Issues

The following issue exists in this release of TIBCO Flogo® Connector for TIBCO Enterprise Message Service™.

Key	Summary and Workaround
FGEMS-27	**Summary:** The SSL handshake logs are shown on the application startup unexpectedly. **Workaround:** None.

TIBCO Documentation and Support Services

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

Product-Specific Documentation

The following documentation for this product is available on the TIBCO Flogo® Extension for Visual Studio Code Product Documentation page:

- *TIBCO Flogo® Extension for Visual Studio Code Release Notes*
- *TIBCO Flogo® Extension for Visual Studio Code Installation*
- *TIBCO Flogo® Extension for Visual Studio Code User Guide*
- *TIBCO Flogo® Extension for Visual Studio Code Mapper Functions Guide*

Other TIBCO Product Documentation

When working with TIBCO Flogo® Extension for Visual Studio Code, you may find it useful to read the documentation of the following TIBCO products:

- TIBCO® Control Plane
- TIBCO Flogo® Enterprise
- TIBCO Cloud™ Integration

How to Access Related Third-Party Documentation

When working with TIBCO Flogo® Extension for Visual Studio Code, you may find it useful to read the documentation of Visual Studio Code: https://code.visualstudio.com/.

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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