



TIBCO FTL[®] - Enterprise Edition

Quick Start

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About this Product

TIBCO® is proud to announce the latest release of TIBCO FTL® software.

The release is the latest in a long history of TIBCO products that use the power of Information Bus® technology to enable truly event-driven IT environments. TIBCO FTL software is part of TIBCO Messaging®. To find out more about TIBCO Messaging software and other TIBCO products, please visit us at www.tibco.com.

Product Editions

TIBCO Messaging is available in a community edition and an enterprise edition.

TIBCO Messaging - Community Edition is ideal for getting started with TIBCO Messaging, for implementing application projects (including proof of concept efforts), for testing, and for deploying applications in a production environment. Although the community license limits the number of production processes, you can easily upgrade to the enterprise edition as your use of TIBCO Messaging expands.

The community edition is available free of charge. It is a full installation of the TIBCO Messaging software, with the following limitations and exclusions:

- Users may run up to 100 application instances or 1000 web/mobile instances in a production environment.
- Users do not have access to TIBCO Support, but you can use TIBCO Community as a resource (community.tibco.com).

TIBCO FTL in the Community Edition has the following additional limitations and exclusions:

- Excludes transport bridges
- Excludes the RDMA transport protocol
- Excludes disaster recovery features
- Excludes customizable dashboards and monitoring gateway

TIBCO Messaging - Enterprise Edition is ideal for all application development projects, and for deploying and managing applications in an enterprise production environment. It

includes all features presented in this documentation set, as well as access to TIBCO Support.

Quick Start for TIBCO FTL®- Enterprise Edition

This quick start gets you up and running with TIBCO FTL®- Enterprise Edition. You will send and receive a message.

Download the Community Edition (if required)

You can use your organization's installation or download the free TIBCO FTL®- Enterprise Edition Community Edition using the following steps.

1. Choose the download for your platform.

- Download [Windows FTL Community Edition](#). In your Downloads folder, double-click the executable file and follow the setup wizard.
- Download [Linux FTL Community Edition](#). Unzip TIB_ftl-ce_6.9.0_linux_x86_64.zip then change directories to TIB_ftl_6.9.0. Install the packages from the appropriate subdirectory.
 - Red Hat, Centos, Fedora: `sudo yum install -y rpm/*.rpm`
 - Debian, Ubuntu: `sudo dpkg -i deb/*.deb`
 - SUSE: `sudo zypper install rpm/*.rpm`
 - If the Linux variant does not include yum, dpkg, or zypper then use tar:
`for f in tar/*; do tar zxvf $f; done`
- Download [macOS FTL Community Edition](#). In your Users, <yourName>, Downloads folder, double-click the package file.
If a prompt states the package cannot be opened, go to the Downloads folder and remove the quarantine flag.
 - 6.9.0 and later: `xattr -d com.apple.quarantine TIB_ftl_<3-digit version>_macos_x86_64.pkg`
 - Prior to 6.9.0: `xattr -d com.apple.quarantine TIB_ftl_<3-digit`

```
version>_macosx_x86_64.pkg
```

2. Check to make sure FTL is installed in the default installation directories shown here, where <n.n> is the 2 digit FTL version.
 - Linux and macOS: /opt/tibco/ftl/<n.n>
 - Windows: C:\TIBCO\ftl\<n.n>

Set Up the Environment

Initialize the FTL environment in at least two terminals.

1. Open the first terminal.
2. To run the setup script from the FTL package, navigate to the samples directory in the FTL samples directory.
 - Linux and macOS in /opt/tibco/ftl/<n.n>/samples: Include the preceding '.' to ensure the environment variables are set in your current shell.

```
$ . ./setup
```

- Windows, run the setup batch file in the C:\tibco\ftl\<n.n>\samples folder:

```
>setup
```

3. Repeat these steps for each terminal.

Start a Server

Perform these steps:

1. Load the configuration. You can use any port available for the host and the sample applications. From samples/scripts run:
 - Linux and macOS:

```
$ ./ftlstart ftls_1@localhost:8080
```

- Windows:

```
>ftlstart ftls_1@localhost: 8080
```

2. Confirm a message like this is returned:
FTL Server configuration file has been saved as <filename>.yaml.

Publish and Subscribe

Perform these steps:

1. To receive messages, from `samples/bin`, run:

- In Linux and macOS, the command is:

```
$./tibftlrecv localhost:8080
```

- In Windows, the command is:

```
>tibftlrecv localhost:8080
```

The host is ready to receive messages sent by the publisher.

```
C:\tibco\ftl\6.9\samples\bin>tibftlrecv localhost:8080
#
# tibftlrecv
# (FTL) TIBCO FTL Version 6.9.0 V1
#
# Client name tibftlrecv_42944
#
Waiting for message(s)
```

2. In the other terminal, from `samples/bin`, run:

- In Linux and macOS, the command is:

```
$ ./tibftlsend localhost:8080
```

- In Windows, the command is:

```
>tibftlsend localhost:8080
```

Check Your Result

In the terminal running `tibftlsend`, you will see the following output:

```
#
# tibftlsend
# (FTL) TIBCO FTL Version <n.n>V<n>
#
# Client name tibftlsend_40314
#
Sending 'hello world' message
```

In the terminal running `tibftlrecv`, you'll see the following output which is a string dump of the message:

```
#
Received message
{string:type="hello", string:message="hello world earth"}
```

Next Step

Next, take a look at the [Getting Started](#) guide to:

- Use persistence for guaranteed message delivery
- Demonstrate queuing and request/reply
- Collect performance statistics

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

Documentation for TIBCO FTL®- Enterprise Edition is available on the [TIBCO FTL®-Enterprise Edition 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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