

Installing Apama Capital Markets Foundation

5.3

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This document applies to Apama 5.3 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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About this documentation

The Software AG Capital Markets Foundation (CMF) is part of the Apama® Platform for Capital Markets (APCM), which also includes Apama and the FIX adapter. This document covers installation procedures, both for the CMF and for the included Algorithmic Trading Accelerator (ATA).

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Documentation roadmap

Documentation for using Apama Capital Markets Foundation includes:

- *Installing Apama Capital Markets Foundation* — Provides instructions for installing CMF on Windows and Linux.
- *Capital Markets Foundation Release Notes* — Describes new features and changes since the previous CMF release.
- *Capital Markets Foundation Guide* — Provides information and instructions for writing CMF applications that subscribe to market data, use a risk firewall to manage orders, and analyze trade positions.
- *Algorithmic Trading Accelerator Guide* — Discusses how to develop and deploy algorithmic trading strategies.

Apama provides CMF documentation in Eclipse Help format and in PDF. On Windows, to access the PDF files, select Start > All Programs > Software AG > Apama Capital Markets 5.3 > Documentation .

In addition, since the CMF is part of the Apama Platform for Capital Markets, you will want to refer to the Apama documentation set. On Windows, to access Apama documentation, select Start > All Programs > Software AG > Apama 5.3 > Apama Documentation .

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Contacting customer support

You may open Apama Support Incidents online via the eService section of Empower at empower.softwareag.com. If you are new to Empower, send an email to empower@softwareag.com with your name, company, and company email address to request an account.

If you have any questions, you can find a local or toll-free number for your country in our Global Support Directory at empower.softwareag.com and give us a call.

[Preface](#)

Chapter 1: Preparing to Install CMF

Apama CMF 5.3 runs on the platforms listed in the Apama 5.3 Support Matrix available from a link on the following web page: empower.softwareag.com.

Memory, disk, and processor requirements for the CMF are the same as for Apama.

Before installing CMF, ensure that Apama 5.3 is already installed. Apama 5.3 includes compiler updates for both Windows and Linux. Be sure to read the topics in *Apama Release Notes* that describe the Apama 5.3 upgrades, in particular, "Migrating to Apama 5.3".

Chapter 2: Installing CMF on Windows

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The following topics provide information about installing CMF on Windows.

Procedure for installing CMF on Windows

Follow these steps to install the Capital Markets Foundation on Windows platforms:

1. Download the Capital Markets Foundation distribution from Software AG's Software Download Center (SDC) in Empower at <https://empower.softwareag.com> and save it in a convenient location.
2. Extract the distribution package. The distribution package will extract to the following directory:
 - For 32-bit Windows: `capital_markets_foundation_5.3.0.0_win_32`
 - For 64-bit Windows: `capital_markets_foundation_5.3.0.0_win_64`

This directory contains both the installer and the set of PDF documentation for the Capital Markets Foundation.

3. Run the installer.

The installer creates shortcuts on the Start menu, creates a CMF Command Prompt, and configures the command prompt with the `APAMA_FOUNDATION_HOME` environment variable.

4. To verify installation, from the Start menu, choose All Programs > Software AG > Apama Capital Markets 5.3.

The Apama Capital Markets 5.3 folder contains shortcuts to ApamaDoc reference documentation, a CMF Command Prompt, a Documentation home page, and an ATA folder containing Algorithmic Trading Accelerator shortcuts.

5. To view the documentation, choose All Programs > Software AG > Apama Capital Markets 5.3 > Documentation. The documentation home page should open in a browser.

The Eclipse Help version of the Capital Markets Foundation Documentation available in Apama Studio offers several benefits over the PDF format. For example, Eclipse Help allows you easily search across multiple guides and documentation sets.

6. To confirm correct installation, run the Algorithmic Trading Accelerator. See the instructions in the *Algorithmic Trading Accelerator Guide*.

Installing CMF on Windows

Using Apama Studio to develop CMF solutions

On Windows platforms, you use Apama Studio to develop Capital Market solutions. When you install the CMF the installation script adds the `APAMA_FOUNDATION_HOME` variable and the CMF bundles to Apama Studio.

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Uninstalling CMF on Windows

To uninstall the CMF on Windows Server:

1. Select Start > Control Panel > Programs and Features.
2. Select Apama Capital Markets Foundation.
3. In the Programs and Features menu bar, click Uninstall.

To uninstall the CMF on Windows 7:

1. Select Start > Control Panel.
2. Below the Programs link, click Uninstall a program.
3. Select Apama Capital Markets Foundation.
4. In the top menu bar, click Uninstall.

[Installing CMF on Windows](#)

Chapter 3: Installing CMF on Linux

Follow these steps to install the CMF to run server-side components on Linux machines.

1. Download the Capital Markets Foundation distribution from Software AG's Software Download Center (SDC) in Empower at <https://empower.softwareag.com> and save it in a convenient location.
2. Extract the distribution package. The distribution package will extract to the directory `capital_markets_foundation_5.3.0.0_lnx_64_x86`. This directory contains both the installer and the set of PDF documentation for the Capital Markets Foundation.
3. Run the installer, selecting the server components.

If you cannot run the installer, try running `chmod +x file_name` in a command prompt to make it executable.

4. To run CMF processes, use a CMF command prompt with a configured environment. In a command window, enter `source APAMA_FOUNDATION_HOME/bin/cmf_env.sh`.

The Apama Studio development environment runs only on Windows. It does not run on Linux.

To uninstall the CMF on Linux platforms, enter the following command in a CMF command prompt:

```
APAMA_FOUNDATION_HOME/uninstall/uninstall_capital_markets_foundation_5.3
```