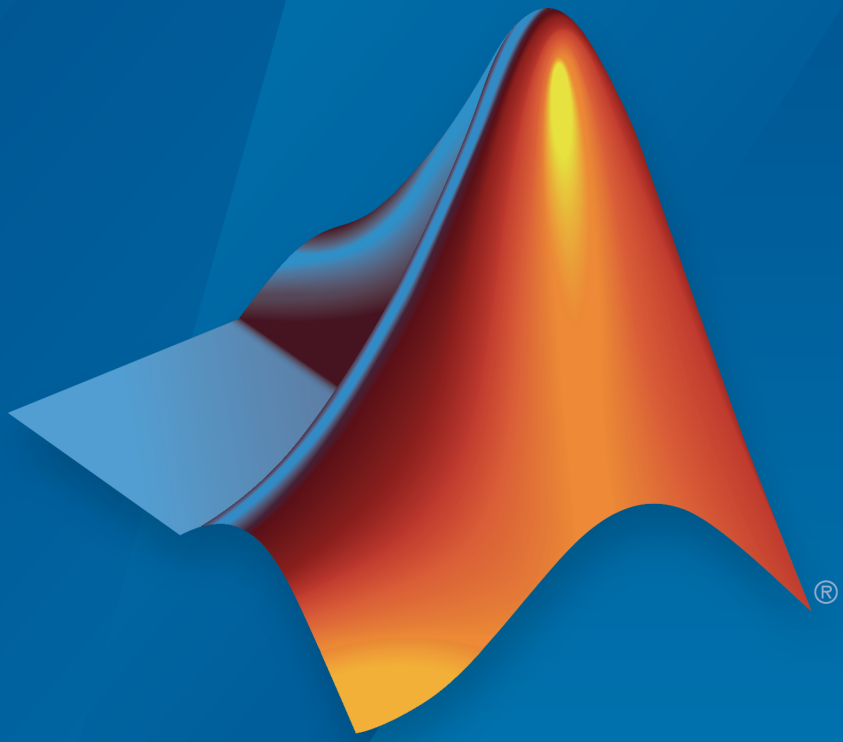
MATLAB® Compiler SDK™ Release Notes



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MATLAB® Compiler SDK™ Release Notes

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Contents

R2016a

HTTPS Support for Excel Add-ins: Securely integrate Excel Add-ins with MATLAB Production Server using HTTPS . **1-2**

RESTful API and JSON: Develop clients for MATLAB Production Server in any programming language that supports HTTP **1-2**

R2015aSP1

Bug Fixes

R2015b

Python Integration: Deploy MATLAB components as native Python packages, for integration with applications written in Python **3-2**

Packaging of your MATLAB programs as C/C++ shared libraries, Microsoft .NET assemblies, and Java classes . . . **4-2**

Royalty-free distribution of software components to users who do not need MATLAB **4-2**

Development and test framework for MATLAB Production Server for integration with web and enterprise systems . **4-2**

Encryption of MATLAB code to protect your intellectual property **4-2**

R2016a

Version: 6.2

New Features

Bug Fixes

HTTPS Support for Excel Add-ins: Securely integrate Excel Add-ins with MATLAB Production Server using HTTPS

Excel® add-ins can securely connect to MATLAB® Production Server™ using HTTPS and evaluate deployed MATLAB functions. Using HTTPS provides transmission-layer encryption. A server certificate must be must be installed when using HTTPS, and can be either self-signed or signed by a trusted Certificate Authority (CA). Self-signed certificates need to be installed in the certificate store of the local machine running the Excel add-in.

For more information, see “Change the Server Configuration”.

RESTful API and JSON: Develop clients for MATLAB Production Server in any programming language that supports HTTP

The MATLAB Production Server RESTful API enables you to evaluate MATLAB functions on remote servers using JSON representation of MATLAB data types. You can create client programs in any programming language with an HTTP library.

Client code that uses the MATLAB Production Server RESTful API and JSON representation of MATLAB data types can be written in web-based languages such as JavaScript® and embedded in HTML pages. These web pages can then be used to send and retrieve requests from a MATLAB Production Server instance.

For more information, see “RESTful API and JSON”.

R2015aSP1

Version: 6.0.1

Bug Fixes

R2015b

Version: 6.1

New Features

Bug Fixes

Python Integration: Deploy MATLAB components as native Python packages, for integration with applications written in Python

MATLAB Compiler SDK™ packages MATLAB functions into software components that you integrate into native Python® applications. MATLAB Compiler SDK provides APIs to execute compiled MATLAB functions on the MATLAB Runtime.

For more information, see “Python Package Integration”.

R2015a

Version: 6.0

New Features

Bug Fixes

Packaging of your MATLAB programs as C/C++ shared libraries, Microsoft .NET assemblies, and Java classes

MATLAB Compiler SDK packages MATLAB functions into software components that you integrate into applications. MATLAB Compiler SDK includes APIs to integrate the packaged components using C, C++, Microsoft® .NET, or Java®.

Royalty-free distribution of software components to users who do not need MATLAB

MATLAB functions compiled with MATLAB Compiler SDK execute on the MATLAB Runtime. The MATLAB Runtime is a freely distributable execution engine made up of shared libraries that MATLAB uses to run MATLAB files on systems without an installed version of MATLAB.

Development and test framework for MATLAB Production Server for integration with web and enterprise systems

MATLAB Compiler SDK includes everything you need to develop client applications for MATLAB Production Server:

- Client APIs execute MATLAB functions on the server.
- Excel add-in to execute MATLAB functions on the server.
- Production Server Compiler app tests the integration between clients and compiles MATLAB functions for deployment to the server.
- Test server tests client code and server configuration together.

Encryption of MATLAB code to protect your intellectual property

MATLAB Compiler SDK encrypts your MATLAB code so that it cannot be read or copied.