

Excel Link Release Notes

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Summary by Version

This table provides quick access to new features in each version. For clarification, see “About Release Notes” on page 1.

| Version (Release) | New Features and Changes | Version Compatibility Considerations | Fixed Bugs and Known Problems | Related Documentation at Web Site |
|-------------------------------------|---------------------------------|---|--------------------------------------|---|
| Latest Version V2.5 (R2007a) | Yes Details | No | No bug fixes | Printable Release Notes: PDF Current product documentation |
| V2.4 (R2006b) | Yes Details | No | No bug fixes | No |
| V2.3.1 (R2006a) | No | No | Bug Reports at Web site | No |
| V2.3 (R14SP3) | Yes Details | No | Bug Reports at Web site | No |
| V2.2 (R14) | Yes Details | No | No bug fixes | No |

About Release Notes

Use release notes when upgrading to a newer version to learn about new features and changes, and the potential impact on your existing files and practices. Release notes are also beneficial if you use or support multiple versions.

If you are not upgrading from the most recent previous version, review release notes for all interim versions, not just for the version you are installing. For example, when upgrading from V1.0 to V1.2, review the New Features and Changes, Version Compatibility Considerations, and Bug Reports for V1.1 and V1.2.

New Features and Changes

These include

- New functionality
- Changes to existing functionality
- Changes to system requirements (complete system requirements for the current version are at the MathWorks Web site)
- Any version compatibility considerations associated with each new feature or change

Version Compatibility Considerations

When a new feature or change introduces a known incompatibility with the previous version, its description includes a **Compatibility Considerations** subsection that details the impact. For a list of all new features and changes that have compatibility impact, see the “Compatibility Summary for Excel Link” on page 8.

Compatibility issues that become known after the product has been released are added to Bug Reports at the MathWorks Web site. Because bug fixes can sometimes result in incompatibilities, also review fixed bugs in Bug Reports for any compatibility impact.

Fixed Bugs and Known Problems

MathWorks Bug Reports is a user-searchable database of known problems, workarounds, and fixes. The MathWorks updates the Bug Reports database as new problems and resolutions become known, so check it as needed for the latest information.

Access Bug Reports at the MathWorks Web site using your MathWorks Account. If you are not logged in to your MathWorks Account when you link to Bug Reports, you are prompted to log in or create an account. You then can view bug fixes and known problems for R14SP2 and more recent releases.

The Bug Reports database was introduced for R14SP2 and does not include information for prior releases. You can access a list of bug fixes made in prior versions via the links in the summary table.

Related Documentation at Web Site

Printable Release Notes (PDF). You can print release notes from the PDF version, located at the MathWorks Web site. The PDF version does not support links to other documents or to the Web site, such as to Bug Reports. Use the browser-based version of release notes for access to all information.

Product Documentation. At the MathWorks Web site, you can access complete product documentation for the current version and some previous versions, as noted in the summary table.

Version 2.5 (R2007a) Excel Link

This table summarizes what's new in Version 2.5 (2007a):

| New Features and Changes | Version Compatibility Considerations | Fixed Bugs and Known Problems | Related Documentation at Web Site |
|--------------------------|--------------------------------------|-------------------------------|---|
| Yes Details below | No | No | Printable Release Notes: PDF Current product documentation |

New features and changes introduced in this version are

- “Functions Added” on page 4
- “Excel Link Qualified against Microsoft Excel 2007 Beta” on page 4

Functions Added

This release supports the following new functions:

- `MLMissingDataAsNaN` sets empty cells to NaN or zero.
- `MLUseCellArray` toggles `MLPutMatrix` to always use cell arrays in MATLAB.

Excel Link Qualified against Microsoft Excel 2007 Beta

Excel Link has been qualified against Microsoft Excel 2007 Beta.

Version 2.4 (R2006b) Excel Link

This table summarizes what's new in Version 2.4 (2006b):

| New Features and Changes | Version Compatibility Considerations | Fixed Bugs and Known Problems | Related Documentation at Web Site |
|--------------------------|--------------------------------------|-------------------------------|---|
| Yes Details below | No | No | Printable Release Notes: PDF Current product documentation |

New features and changes introduced in this version are

- “New Functions Added” on page 5

New Functions Added

This releases supports the following new functions:

- `MLGetFigure` imports a MATLAB figure into Excel spreadsheet.
- `MLStartDir` specifies the directory where MATLAB will reside at startup.
- `MLUseFullDesktop` specifies whether to use the full MATLAB desktop or only the Command Window.
- `MLShowMatlabErrors` uses `MLEvalString` to return standard Excel Link errors or full MATLAB errors.

Version 2.3 (R14SP3) Excel Link

This table summarizes what's new in Version 2.3 (R14SP3):

| New Features and Changes | Version Compatibility Considerations | Fixed Bugs and Known Problems | Related Documentation at Web Site |
|--------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| Yes Details below | No | No | No |

New features and changes introduced in this version are

- “MATLAB Desktop Enabled” on page 6
- “New System Requirements” on page 6

MATLAB Desktop Enabled

At Version 2.3 Excel Link uses MATLAB as a COM automation server with the full desktop displayed.

New System Requirements

Excel Link requires approximately 202 kilobytes of disk space. Operating system requirements are

- Microsoft Windows XP
- Microsoft Windows 2000

Excel Link requires one of the following versions of Excel:

- Microsoft Excel 98
- Excel 2000
- Excel 2002
- Excel 2003

Excel Link also requires MATLAB for Windows Version 5.1 or later.

Version 2.2 (R14) Excel Link

This table summarizes what's new in Version 2.2 (R14):

| New Features and Changes | Version Compatibility Considerations | Fixed Bugs and Known Problems | Related Documentation at Web Site |
|--------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| Yes Details below | No | No bug fixes | No |

New features and changes introduced in this version are

- “Using Excel Link in a Non-English Environment” on page 7

Using Excel Link in a Non-English Environment

The Excel Link User's Guide uses Excel with an **English (United States)** Windows regional setting for illustrative purposes. If you use Excel Link with a non-**English (United States)** Windows desktop environment, certain syntactical elements may not work as illustrated. For example, you may have to replace the comma (,) delimiter within the Excel Link commands with a semicolon (;) or other operator.

Please consult your Windows documentation to determine which regional setting differences exist among various international versions.

Compatibility Summary for Excel Link

This table summarizes new features and changes that might cause incompatibilities when you upgrade from an earlier version, or when you use files on multiple versions. Details are provided with the description of the new feature or change.

| Version (Release) | New Features and Changes with Version Compatibility Impact |
|--|---|
| Latest Version V2.5 (2007a) | None |
| V2.4 (2006b) | None |
| V2.3.1 (R2006a) | None |
| V2.3 (R14SP3) | None |
| V2.2 (R14) | None |