

# **Fuzzy Logic Toolbox™ Release Notes**

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*Fuzzy Logic Toolbox™ Release Notes*

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## Summary by Version

This table provides quick access to what's new in each version. For clarification, see “Using Release Notes” on page 2.

<b>Version (Release)</b>	<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
<b>Latest Version 2.2.14 (R2011b)</b>	No	No	Bug Reports Includes fixes
2.2.13 (R2011a)	No	No	Bug Reports Includes fixes
2.2.12 (R2010b)	No	No	No
V2.2.11 (R2010a)	No	No	Bug Reports Includes fixes
V2.2.10 (R2009b)	No	No	Bug Reports Includes fixes
V2.2.9 (R2009a)	No	No	Bug Reports Includes fixes
V2.2.8 (R2008b)	No	No	Bug Reports Includes fixes
V2.2.7 (R2008a)	No	No	Bug Reports Includes fixes
V2.2.6 (R2007b)	No	No	Bug Reports Includes fixes
V2.2.5 (R2007a)	No	No	No bug fixes
V2.2.4 (R2006b)	No	No	Bug Reports Includes fixes
V2.2.3 (R2006a)	No	No	No bug fixes
V2.2.2 (R14SP3)	No	No	No bug fixes
V2.2.1 (R14SP2)	No	No	No bug fixes
V2.2 (R14SP1)	No	No	No bug fixes

<b>Version (Release)</b>	<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
V2.1.3 (R14)	No	No	No bug fixes
V2.1.2 (R13)	No	No	No bug fixes
V2.1 (R12)	Yes Details	No	No bug fixes

## Using Release Notes

Use release notes when upgrading to a newer version to learn about:

- New features
- Changes
- Potential impact on your existing files and practices

Review the release notes for other MathWorks® products required for this product (for example, MATLAB® or Simulink®). Determine if enhancements, bugs, or compatibility considerations in other products impact you.

If you are upgrading from a software version other than the most recent one, review the current release notes and all interim versions. For example, when you upgrade from V1.0 to V1.2, review the release notes for V1.1 and V1.2.

## What Is in the Release Notes

### New Features and Changes

- New functionality
- Changes to existing functionality

### Version Compatibility Considerations

When a new feature or change introduces a reported incompatibility between versions, the **Compatibility Considerations** subsection explains the impact.

Compatibility issues reported after the product release appear under Bug Reports at the MathWorks Web site. Bug fixes can sometimes result in incompatibilities, so review the fixed bugs in Bug Reports for any compatibility impact.

### **Fixed Bugs and Known Problems**

MathWorks offers a user-searchable Bug Reports database so you can view Bug Reports. The development team updates this database at release time and as more information becomes available. Bug Reports include provisions for any known workarounds or file replacements. Information is available for bugs existing in or fixed in Release 14SP2 or later. Information is not available for all bugs in earlier releases.

Access Bug Reports using your MathWorks Account.

### **Documentation on the MathWorks Web Site**

Related documentation is available on [mathworks.com](http://mathworks.com) for the latest release and for previous releases:

- Latest product documentation
- Archived documentation

## Version 2.2.14 (R2011b) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.14 (R2011b):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems
No	No	Bug Reports Includes fixes



## Version 2.2.13 (R2011a) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.13 (R2011a):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

## Version 2.2.12 (R2010b) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.12 (R2010b):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No

## Version 2.2.11 (R2010a) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.11 (R2010a):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

## Version 2.2.10 (R2009b) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.10 (R2009b):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

## Version 2.2.9 (R2009a) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.9 (R2009a):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

## Version 2.2.8 (R2008b) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.8 (R2008b):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.2.7 (R2008a) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.7 (R2008a):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

## Version 2.2.6 (R2007b) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.6 (R2007b):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

### **New Demo**

Fuzzy Logic Toolbox™ software has a new demo Fuzzy C-Means Clustering for Iris Data, which illustrates the use of Fuzzy C-Means clustering for Iris dataset.



## Version 2.2.5 (R2007a) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.5 (R2007a):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.2.4 (R2006b) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.4 (R2006b):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	Bug Reports Includes fixes

## Version 2.2.3 (R2006a) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.3 (R2006a):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.2.2 (R14SP3) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.2 (R14SP3):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.2.1 (R14SP2) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2.1 (R14SP2):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.2 (R14SP1) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.2 (R14SP1):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.1.3 (R14) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.1.3 (R14):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes

## Version 2.1.2 (R13) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.1.2 (R13):

<b>New Features and Changes</b>	<b>Version Compatibility Considerations</b>	<b>Fixed Bugs and Known Problems</b>
No	No	No bug fixes



## Version 2.1 (R12) Fuzzy Logic Toolbox Software

This table summarizes what's new in Version 2.1:

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems
Yes	No	No bug fixes

New features and changes introduced in this version are

### **New Wizard For Fuzzy Logic Controller Block**

Fuzzy Logic Toolbox software supports a new wizard for the Fuzzy Logic Controller block. This block now automatically generates a customized block diagram representation for most Fuzzy Inference Systems (FISs). This block diagram uses only built-in Simulink blocks and allows for code generation using Real-Time Workshop® software.

## Compatibility Summary for Fuzzy Logic Toolbox Software

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.

<b>Version (Release)</b>	<b>New Features and Changes with Version Compatibility Impact</b>
<b>Latest Version V2.2.14 (R2011b)</b>	None
V2.2.13 (R2011a)	None
V2.2.12 (R2010b)	None
V2.2.11 (R2010a)	None
V2.2.10 (R2009b)	None
V2.2.9 (R2009a)	None
V2.2.8 (R2008b)	None
V2.2.7 (R2008a)	None
V2.2.6 (R2007b)	None
V2.2.5 (R2007a)	None
V2.2.4 (R2006b)	None
V2.2.3 (R2006a)	None
V2.2.2 (R14SP3)	None
V2.2.1 (R14SP2)	None
V2.2 (R14SP1)	None
V2.1.3 (R14)	None
V2.1.2 (R13)	None
V2.1 (R12)	None