

Fuzzy Logic Toolbox™ Release Notes

How to Contact The MathWorks



www.mathworks.com Web
comp.soft-sys.matlab Newsgroup
www.mathworks.com/contact_TS.html Technical Support



suggest@mathworks.com Product enhancement suggestions
bugs@mathworks.com Bug reports
doc@mathworks.com Documentation error reports
service@mathworks.com Order status, license renewals, passcodes
info@mathworks.com Sales, pricing, and general information



508-647-7000 (Phone)



508-647-7001 (Fax)



The MathWorks, Inc.
3 Apple Hill Drive
Natick, MA 01760-2098

For contact information about worldwide offices, see the MathWorks Web site.

Fuzzy Logic Toolbox™ Release Notes

© COPYRIGHT 2000–2009 by The MathWorks, Inc.

The software described in this document is furnished under a license agreement. The software may be used or copied only under the terms of the license agreement. No part of this manual may be photocopied or reproduced in any form without prior written consent from The MathWorks, Inc.

FEDERAL ACQUISITION: This provision applies to all acquisitions of the Program and Documentation by, for, or through the federal government of the United States. By accepting delivery of the Program or Documentation, the government hereby agrees that this software or documentation qualifies as commercial computer software or commercial computer software documentation as such terms are used or defined in FAR 12.212, DFARS Part 227.72, and DFARS 252.227-7014. Accordingly, the terms and conditions of this Agreement and only those rights specified in this Agreement, shall pertain to and govern the use, modification, reproduction, release, performance, display, and disclosure of the Program and Documentation by the federal government (or other entity acquiring for or through the federal government) and shall supersede any conflicting contractual terms or conditions. If this License fails to meet the government's needs or is inconsistent in any respect with federal procurement law, the government agrees to return the Program and Documentation, unused, to The MathWorks, Inc.

Trademarks

MATLAB and Simulink are registered trademarks of The MathWorks, Inc. See www.mathworks.com/trademarks for a list of additional trademarks. Other product or brand names may be trademarks or registered trademarks of their respective holders.

Patents

The MathWorks products are protected by one or more U.S. patents. Please see www.mathworks.com/patents for more information.

Summary by Version	1
Version 2.2.10 (R2009b) Fuzzy Logic Toolbox Software	4
Version 2.2.9 (R2009a) Fuzzy Logic Toolbox Software ..	5
Version 2.2.8 (R2008b) Fuzzy Logic Toolbox Software ..	6
Version 2.2.7 (R2008a) Fuzzy Logic Toolbox Software ..	7
Version 2.2.6 (R2007b) Fuzzy Logic Toolbox Software ..	8
Version 2.2.5 (R2007a) Fuzzy Logic Toolbox Software ..	9
Version 2.2.4 (R2006b) Fuzzy Logic Toolbox Software ..	10
Version 2.2.3 (R2006a) Fuzzy Logic Toolbox Software ..	11
Version 2.2.2 (R14SP3) Fuzzy Logic Toolbox Software	12
Version 2.2.1 (R14SP2) Fuzzy Logic Toolbox Software	13
Version 2.2 (R14SP1) Fuzzy Logic Toolbox Software ..	14
Version 2.1.3 (R14) Fuzzy Logic Toolbox Software	15
Version 2.1.2 (R13) Fuzzy Logic Toolbox Software	16
Version 2.1 (R12) Fuzzy Logic Toolbox Software	17

Compatibility Summary for Fuzzy Logic Toolbox	
Software	18

Summary by Version

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

Version (Release)	New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
Latest Version V2.2.10 (R2009b)	No	No	Bug Reports Includes fixes	Printable Release Notes: PDF Current product documentation
V2.2.9 (R2009a)	No	No	Bug Reports Includes fixes	No
V2.2.8 (R2008b)	No	No	Bug Reports Includes fixes	No
V2.2.7 (R2008a)	No	No	Bug Reports Includes fixes	No
V2.2.6 (R2007b)	No	No	Bug Reports Includes fixes	No
V2.2.5 (R2007a)	No	No	No bug fixes	No
V2.2.4 (R2006b)	No	No	Bug Reports Includes fixes	No
V2.2.3 (R2006a)	No	No	No bug fixes	No
V2.2.2 (R14SP3)	No	No	No bug fixes	No
V2.2.1 (R14SP2)	No	No	No bug fixes	No
V2.2 (R14SP1)	No	No	No bug fixes	No
V2.1.3 (R14)	No	No	No bug fixes	No
V2.1.2 (R13)	No	No	No bug fixes	No
V2.1 (R12)	Yes Details	No	No bug fixes	No

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

The 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.

Version 2.2.10 (R2009b) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports Includes fixes	Printable Release Notes: PDF Current product documentation

Version 2.2.9 (R2009a) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports Includes fixes	No

Version 2.2.8 (R2008b) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.2.7 (R2008a) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports Includes fixes	No

Version 2.2.6 (R2007b) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports Includes fixes	No

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):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.2.4 (R2006b) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports Includes fixes	No

Version 2.2.3 (R2006a) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.2.2 (R14SP3) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.2.1 (R14SP2) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.2 (R14SP1) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.1.3 (R14) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 2.1.2 (R13) Fuzzy Logic Toolbox Software

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

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

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	Related Documentation at Web Site
Yes	No	No bug fixes	No

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.

Version (Release)	New Features and Changes with Version Compatibility Impact
Latest Version 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