



HOME PLOTS APPS SHORTCUTS

New Script New Open Find Files Compare Import Data Save Workspace New Variable Open Variable Clear Workspace Analyze Code Run and Time Clear Commands Preferences Set Path Parallel Help Community Request Support

FILE VA SIMULINK ENVIRONMENT RESOURCES

Current Folder 当前目录浏览器窗口

fx >>

断点

Workspace

Name	Value
------	-------

Command History

- %-- 2013/11/21 星期四 23:19 --%
- %-- 2013/11/21 星期四 23:27 --%
- %-- 2013/11/21 星期四 23:30 --%
- mex -setup
- %-- 2013/11/23 星期六 9:28 --%
- mex -setup
- %-- 2013/11/23 星期六 13:52 --%
- %-- 2013/11/23 星期六 17:00 --%
- %-- 226.3KB/S 0KB/S 3%

Details

中



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New Script New Open Find Files Compare Import Data Save Workspace Clear Workspace Analyze Code Run and Time Clear Commands Simulink Library

FILE VARIABLE CODE SIMULINK

Layout Preferences Set Path Parallel Help Community Request Support

SELECT LAYOUT

- Default
- Command Window Only 仅显示命令窗口
- History and Command Window 显示命令窗口和历史命令窗口
- All but Command Window Minimized 显示所有常用六个窗口，但除了命令窗口外，其它窗口均最小化显示

Save Layout... Organize Layouts...

SHOW

- ☒ Command History
- ☒ Current Folder
- ☒ Workspace
- ☒ Panel Titles
- ☒ Shortcuts Tab
- ☒ Toolstrip

Quick Access Toolbar 快速访问工具栏 ☒ Upper Right

Current Folder Toolbar > Below Toolstrip

Current Folder: D:\Documents\MATLAB

Command Window: `fx >>`

Workspace:

Name	Value

Command History:

- 2013/11/21 星期四 23:19 --%
- 2013/11/21 星期四 23:27 --%
- 2013/11/21 星期四 23:30 --%  
mex -setup
- 2013/11/23 星期六 9:28 --%  
mex -setup
- 2013/11/23 星期六 13:52 --%
- 2013/11/23 星期六 17:00 --%
- 239.3KB/S 0.3KB/S 7%

Details

中

OVR

HOME PLOTS APPS SHORTCUTS

Search Documentation

FILE VARIABLE CODE SIMULINK

Current Folder: D:\Documents\MATLAB

Command Window: `fx >>`

Workspace: Name Value

Command History

- 2013/11/21 星期四 23:19 --%
- 2013/11/21 星期四 23:27 --%
- 2013/11/21 星期四 23:30 --%
- 2013/11/23 星期六 9:28 --%
- 2013/11/23 星期六 13:52 --%
- 2013/11/23 星期六 17:00 --%
- 232.2KB/S 0.8KB/S 4%

Details

中

Set Default: Choose the default cluster profile to use with matlabpool, batch, or parcluster

Discover Clusters...: Search for MATLAB Distributed Computing Server clusters on your network

Manage Cluster Profiles...: Create, edit, or import cluster profiles

Monitor Jobs: View and work with jobs on your machine or on a cluster

local (default)

选择默认的丛集设定文件以并行地、批量地、parcluster使用在你的网络上搜寻MATLAB分散式运算引擎类聚分析

HOME PLOTS APPS SHORTCUTS

FILE VARIABLE CODE SIMULINK ENVIRONMENT

Current Folder: D:\Documents\MATLAB

Command Window: `fx >>`

Workspace:

Name	Value
------	-------

Command History:

- 2013/11/21 星期四 23:19 --%
- 2013/11/21 星期四 23:27 --%
- 2013/11/21 星期四 23:30 --%
  - mex -setup
- 2013/11/23 星期六 9:28 --%
  - mex -setup
- 2013/11/23 星期六 13:52 --%
- 2013/11/23 星期六 17:00 --%
- 3.8KB/S 0KB/S 4%

Help Menu:

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- Get Product Trial
- Licensing >
  - Update Current Licenses...
  - Activate Software
  - Deactivate Software...
  - Manage Licenses
- Terms of Use
- Patents
- About MATLAB

Red annotations:

- 将打开软件许可协议 (points to Licensing)
- 将打开专利权声明 (points to Terms of Use)
- 将打开版本信息 (points to About MATLAB)



General

- MAT-Files
- Confirmation Dialogs
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Apps

Compiler

Database Toolbox

Instrument Control

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Simulink

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## General Preferences

## Toolbox path caching 工具箱路径高速缓存

☒ Enable toolbox path cache☐ Enable toolbox path cache diagnostics 启动工具箱路径高速缓存诊断[Update Toolbox Path Cache](#)

更新工具箱路径高速缓存（当用户采用除了“通过安装程序来安装或更新工具箱”

之外的操作对目录toolbox中的文件进行改动时就需要更新高速缓存）

## Figure window printing 设置彩色图形输出

Specify how colored lines and text are sent to the printer.

☒ Use printer defaults 按打印机默认方式输出☐ Always send as black and white 按黑白图输出☐ Always send as color 按彩色图输出

## Deleting files 对删除函数文件进行设置

Applies to the delete function only. MATLAB desktop tools use your operating system preference.

☐ Move to the Recycle Bin 删除文件至回收站☒ Delete permanently 永久删除

确认

OK

取消

Cancel

应用

Apply

性设置  
帮助文  
档  
Help

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## General MAT-Files Preferences

MAT file save format

Save MAT-files that can be loaded in

☐ MATLAB Version 7.3 or later (save -v7.3)

Variables can exceed 2GB and format is HDF5-based

☒ MATLAB Version 7 or later (save -v7)

Files are compressed and use Unicode

☐ MATLAB Version 5 or later (save -v6)

Note: also applies to FIG-files you create by saving plots and GUIs

OK

Cancel

Apply

Help

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## Keyboard Preferences

Tab completion **Tab completion**选项栏对命令窗口、编辑/调试器的Tab 键是否命令补全以及补全大小进行设置

- ☒ Enable in Command Window
- ☒ Enable in Editor/Debugger
- ☐ Tab key narrows completions

View [Command Window tab key](#) preferences

View [Editor/Debugger tab key](#) preferences

Function hints **Function hints**选项栏对命令窗口、编辑/调试器中的函数是否出现提示进行设置

- ☒ Enable in Command Window
- ☒ Enable in Editor/Debugger

Delimiter Matching **Delimiter Matching**选项栏对命令窗口、调试编辑器中的分隔符是否配对作出相应的提示。

- ☒ Match while typing
  - Show match with:
  - Show mismatch with:
- ☒ Match on arrow key
  - Show match with:
  - Show mismatch with:

OK

Cancel

Apply

Help



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- [+] Simulink 3D Animation

## Fonts Preferences

### Desktop code font 设置桌面代码字体

Currently used by: Command Window, Command History, Editor 应用于：命令窗口、历史命令窗口、编辑/调试器

Monospaced

Plain

10

#### Sample

The quick brown fox jumps over the lazy dog. 1234567890

### Desktop text font 设置桌面文本字体

Currently used by: Current Folder, Workspace, Variables, Function Browser 应用于：当前工作目录、工作空间、变量编辑器以及函数浏览器

☒ Use system font

Segoe UI

Plain

9

#### Sample

The quick brown fox jumps over the lazy dog. 1234567890

### Custom fonts

Currently used by: Profiler and Comparison Tool

To set a custom font for any desktop tool, go to the [Custom Fonts](#) preferences.

OK

Cancel

Apply

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## Colors Preferences

## Desktop tool colors 桌面工具颜色

☒ Use system colors

Text



Background



## MATLAB syntax highlighting colors MATLAB语法高亮颜色

Keywords 关键词



Comments 注释语句



Strings 字符串



Unterminated strings 未输完整的字符串



System commands 系统命令



Syntax errors 语法错误



## MATLAB Command Window colors MATLAB命令窗口颜色

Error text 错误文本



Warning text 警告文本



Hyperlinks 超链接



## Syntax highlighting sample 语法高亮样本 (上面的设置的效果预览)

```
% create a file for output
!touch testFile.txt
fid = fopen('testFile.txt', 'w');
for i=1:10
    fprintf(fid, '%6.2f\n', i);
end
```

## Command Window sample 命令高亮样本 (上面的设置的效果预览)

```
>> samplefunction
Link to sample: link
Warning: Min value set to 0
> In samplefunction at 4
Error using samplefunction
Invalid type
>>
```

Restore Default Colors

OK

Cancel

Apply

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## Toolbars Preferences

Toolbar: Quick Access

Layout:

☐ Show Label

Restore factory controls

Controls: Quick Access Toolbar

- Common
  - ☒ Cut
  - ☒ Copy
  - ☒ Paste
  - ☒ Undo
  - ☒ Redo
  - ☒ Save
  - ☐ Print
  - ☐ Find Text
  - ☒ Switch Windows
  - ☒ Help
- Home
- Plots
- Apps
- Shortcuts
- Variables - Variable
- Editor - Editor
- Editor (Fixed-Point Toolbox)
- Editor (Simulink/Stateflow MATLAB Functions)
- Editor - Publish
- Editor - View

**Toolbars**对快速访问栏、当前文件夹的工具栏进行设置，在这里可以选择哪些工具出现在工具栏上

OK

Cancel

Apply

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## Command Window Preferences

Text display **文本属性设置组** (可以设置数据格式、数据显示格式)

Numeric format:  **设置数据格式** (将控制数值型变量在命令窗口中的显示形式, 而不改变其在Matlab 中的存储形式)

Numeric display:  **设置数据显示格式** (可以控制数据在命令窗口中的显示形式。选择loose选项, 则命令窗口中的命

令以及显示结果都将隔行显示, 而如果选择compact 选项则会以紧凑形式显示)

Display **显示属性设置组**  
☐ Wrap lines **选中选项Wrap lines** 表示文字自动换行否则不自动换行

☐ Set matrix display width to eighty columns **选中选项Set matrix display width to eighty columns**, 则限制矩阵显示列数小于80

☐ Show getting started message bar **选项Show getting started message bar**用以控制getting started message bar 是否显示

☒ Show Function Browser button **选项Show Function Browser button**用以控制函数浏览按钮是否显示

☒ Suggest corrections for mistyped functions and variables

Number of lines in command window scroll buffer:  **Number of lines in command window scroll buffer**可以改变保留在命令窗口中的最大行数

Set [color](#) preferences

## Accessibility

To enable keyboard navigation via arrow keys, assign shortcuts to the *Cursor Up* and *Cursor Down* actions in the [Keyboard Shortcuts](#) panel.

Tab key **Tab key**选项可以改变Tab 键所显示的空格数, 默认为4个空格

Tab size:

Set [tab completion](#) preferences

OK

Cancel

Apply

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## Command History Preferences

## Settings

- ☐ Save exit/quit commands 选择选项 **Save exit/quit commands** , 则在历史命令中将显示 **exit** 或 **quit** 命令
- ☐ Save consecutive duplicate commands 选择选项 **Save consecutive duplicate commands** 则会在历史命令中显示连续的重复命令

Saving **Saving** 选项栏可以决定在退出Matlab 时是否保存历史命令、多久自动保存历史以及是否保存历史命令

- ☐ Save history file on quit
- ☒ Save after  commands
- ☐ Don't save history file

**Command History** 是哪些命令不出现在历史命令文件中及保存历史命令的相关设置

OK

Cancel

Apply

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## Editor/Debugger Preferences

Editor **Editor 栏可以选择Matlab 内置编辑器或其它编辑器如Emacs , vi**

☒ MATLAB Editor

☐ Text editor:

Most recently used file list **Most recently used file list 栏可以改变菜单File 最下面显示的最近打开文件的个数，默认是8个**

Number of entries:

Opening files in editor

☒ On restart reopen files from previous MATLAB session

**选中选项On restart reopen files from previous Matlab session则当重新启动Matlab 时自动打开最近一次关闭Matlab时处于打开状态的文件**

☒ Automatically open files when MATLAB reaches a breakpoint

Automatic file changes

☒ Reload unedited files that have been externally modified

**若选中选项Reload unedited files that have been externally modified则若Matlab 内置编辑器与外部编辑器同时打开同一个文件，则当外部编辑器修改文件时Matlab 内置编辑器会自动重新载入在外部编辑器中的修改过的版本**

☐ Add line termination at end of file

OK

Cancel

Apply

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## Editor/Debugger Display Preferences

## General display options

- ☐ Highlight current line
- ☒ Show line numbers
- ☐ Enable datatips in edit mode

## Right-hand text limit

- ☒ Show line
  - Placement: 75 columns
  - Width: 1 pixels
  - Color:

选项**General display options** 可以突出显示当前的行或是否在编辑器的左边显示行数，以及是否在编辑器中是否显示数据的值，在调试状态下不用设置而能显示数据的值

选项**Right-hand text limit** 可以改变出现在编辑器中间用来标志代码行可能超过指定宽度的竖线的位置，在默认状态下是一条灰色的宽为一个像素出现在第75 列的竖线。

OK

Cancel

Apply

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## Editor/Debugger Tab Preferences

Tabs and indents **Tabs and indents** 栏可以改变Tab 键的缩进量

Tab size: 4

Indent size: 4

View [tab completion](#) preferences

View [language-specific indent](#) preferences

☒ Tab key inserts spaces

☐ Emacs-style Tab key smart indenting

**Tab size** 栏设置用户按下Tab 键插入的空格数，默认为4 个空格，当用户改变Tab size 时，它同时改变了当前文件中所有的Tab 键大小除非选中了选项Tab key inserts spaces 就不会对前面的Tab 起作用。

缩进量

选中选项Tab key inserts spaces 可以设置按下Tab 键时产生的多位空格的特点，否则按下Tab键将只产生一个多位的空格，其大小由Tab size 决定

**Tab** 选项Tab 可以对编辑器中的Tab 键进行设置

OK

Cancel

Apply

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## Editor/Debugger Language Preferences

Language: MATLAB

## Syntax highlighting

☒ Enable syntax highlighting[Set syntax colors](#)

## Variable and function renaming

☒ Enable automatic variable and function renaming

## Comment formatting

Maximum column width: 75 ☒ Start from beginning of line☐ Start from beginning of comment☒ Wrap comments automatically while typing

## Indenting

☒ Apply smart indenting while typingFunction indenting format: Indent nested functions

## File extensions

m

Add...

Remove

选项Language可以对不同编程语言的编辑器进行设置，在这里可以对不同语言所对应的文件后缀、突出显示及缩进注释长度等进行设置

OK

Cancel

Apply

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## Editor/Debugger Code Folding Preferences

☒ Enable code folding

Constructs that are folded when a file is closed remain folded when the file is reopened.  
The first time a file is opened, a construct is folded if its Fold Initially option is selected.

Programming Construct	Enable	Fold Initially
Block comments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Class code	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Class enumeration blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Class events blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Class method blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Class properties blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
For and parfor blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Function and class help	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Function code	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If/else blocks	<input type="checkbox"/>	<input type="checkbox"/>
Sections	<input type="checkbox"/>	<input type="checkbox"/>
Single program, multiple data (spmd) blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Switch/case blocks	<input type="checkbox"/>	<input type="checkbox"/>
Try/catch blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
While blocks	<input checked="" type="checkbox"/>	<input type="checkbox"/>

选项Code Folding 可以对代码是否折叠进行设置

OK

Cancel

Apply

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## Editor/Debugger Autosave Preferences

☒ Enable autosave in the MATLAB Editor

选中Enable autosave in the Matlab Editor选项会对正在编辑中的文件自动保存，这时可以对多久自动保存一次、保存文件的后缀、保存文件的位置进行设置。

## Save options

Save every:  minutes☐ Save untitled files

## Close options

☒ Automatically delete autosave files

## File name

☒ Replace extension with: ☐ Append file name with: 

## Location

☒ Source file directories☐ Single directory: 

**Autosave** Autosave 选项设置自动保存属性

选中选项Help会对帮助中显示的内容、窗口大小及显示形式进行设置

选中选项Web 可以对网络进行设置，如果需要代理可以在这里设置

选项Current Folder可以设置保存在历史列表中最近用过的目录列表的个数，当文件发生变化时多久更新一次以及文件过滤器是否出现在地址栏等

选项Variable Editor 设置变量编辑器显示的格式（默认是short）、输入回车后光标接下来出现的位置以及复制或剪切变量编辑器中的数据然后粘贴到其它位置

选项Workspace 可以设置数组的大小以及是否在计算中忽略NaNs

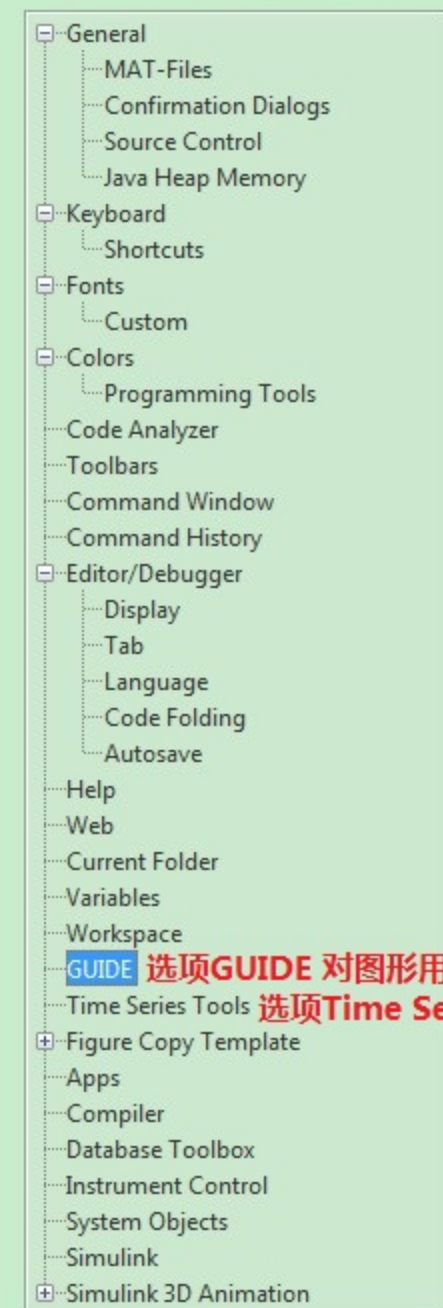
时十进制数据的显示方式

OK

Cancel

Apply

Help



## GUIDE Preferences

☐ Show names in component palette

选中选项**Show Names in Component Palette**会将图标与名称显示在组件面板中，如果没选中该选项则图标分成两列显示而名称作为工具提示

☒ Show file extension in window title

选中选项**Show File Extension in Window Title**会对是否显示文件后缀进行设置

☐ Show file path in window title

选中选项**Show File Path in Window Title**会对是否在布局编辑器窗口名中出现文件的全路径进行设置

☒ Add comments for newly generated callback functions

选中选项**Add Comments for Newly Generated Callback Functions**会在所有的Callback 函数最前面加上注释行

**GUIDE** 选项**GUIDE** 对图形用户界面进行设置

选项**Time Series Tools** 会对时间序工具进行设置

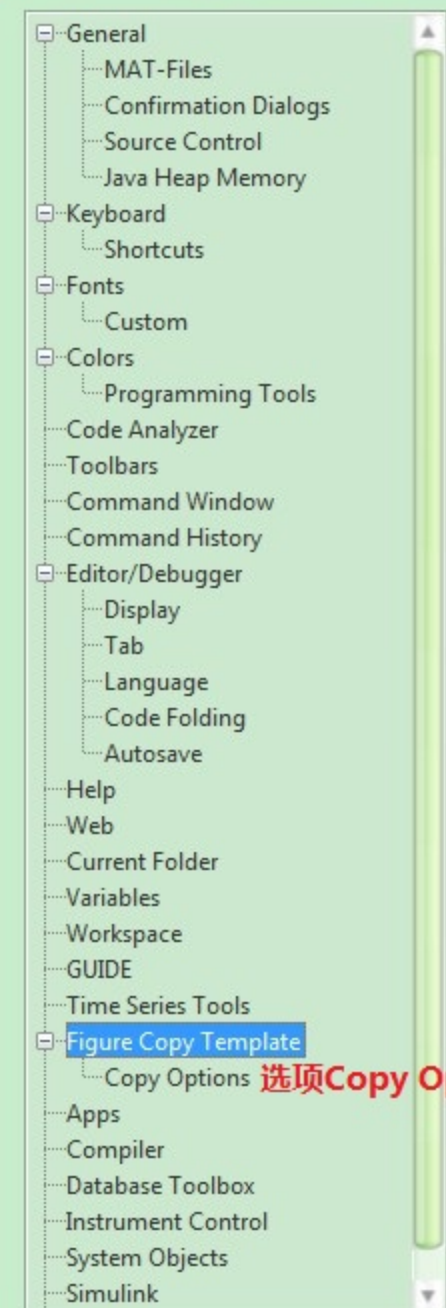
OK

Cancel

Apply

Help





## Figure Copy Template Preferences

恢复默认设置

Settings for:

Word

PowerPoint

Restore Defaults

选项Figure Copy Template 可以选择对Word 或PowerPoint 中的图像复制进行设置

Text 选项可以对图像中的文字显示进行设置 ( 比如字体大小、是否黑白色、是否粗体等 )

☐ Change font size☒ Change font size to 20 points☐ Change font size to 140 % of original☐ Black and white☐ Bold

Lines 选项Lines 可以对图像中的线条的宽度、线条类型进行设置

☐ Custom width: 2 points☐ Change style☒ Black or white ☐ BW styles

Uicontrols and axes 选项Uicontrol and axes 可以决定是否显示原图像中的用户界面控制器

☒ Show uicontrols☒ Keep axes limits and tick spacing

Apply to Figure

Restore Figure

选项Copy Options会对图像在剪贴板上的格式、图像的背景色以及图像的大小进行设置

OK

Cancel

Apply

Help

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  - Custom
- Colors
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- Command History
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  - Figure
  - World

## Database Toolbox Preferences

## Database Explorer(DEXPLORE)

Data Preview size: 25 rows

Import batch size: 1,000 rows

## Null data handling

Read NULL strings as: null

Read NULL numbers as: NaN

Write NULL strings as: null

Write NULL numbers as: NaN

## Return data

Data return format

cellarray

Error handling

store

选项Database Toolbox对数据库工具箱进行设置，在这里可以设置当将数据库导入工作空间时数据库中的NULL数据所表示的意思，也可以对返回的数据设置格式以及出现错误时的处理方式。

OK

Cancel

Apply

Help

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## Instrument Control Preferences

**Device Objects** 栏对VXIplug&play与IVI-C驱动的设备对象的构造与使用进行设置，在这里可以设置

## Device Objects

创建一个组所需要的道具的最小、所需的函数的最小数以及默认情况下设备对象函数的输出参数个数

Minimum properties required to create group: 3

Minimum functions required to create group: 0

Default length for character array arguments: 512

## IVI Configuration Store

在IVI Configuration Store 栏用户可以选择Master configuration store 或用户自定义的configuration store

☒ Master configuration store☐ Configuration store: 

## IVI Instruments

☐ Show IVI Instruments in TMTTool.

**Instrument Control** 选项Instrument Control 对仪器控制工具箱进行设置

**Simulink** 选项Simulink 将对Simulink 进行设置，Simscape 选项会对模型载入进行设置，具体设置请依据帮助文档。

OK

Cancel

Apply

Help



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## Simulink 3D Animation Preferences

Default VRML viewer:	internal
VRML Editor:	Built-in 3D World Editor
VRML data types representation in MATLAB	
Bool:	logical
Int32:	double
Float:	double
Communication	
HTTP Port:	8123
VR Port:	8124
Transport Buffer:	5
Transport Timeout:	20

选项Simulink 3D Animation可以设置默认的VRML 阅读器、Matlab 中VRML 的数据格式以及相互通信的接口设置。

OK

Cancel

Apply

Help