

My Project

Generated by Doxygen 1.8.10

Tue Jul 28 2015 20:59:58

Contents

1	Data Structure Index	1
1.1	Data Structures	1
2	File Index	3
2.1	File List	3
3	Data Structure Documentation	5
3.1	myStructType Struct Reference	5
3.1.1	Field Documentation	5
3.1.1.1	v1	5
3.2	struct1 Struct Reference	5
3.2.1	Detailed Description	5
3.2.2	Field Documentation	5
3.2.2.1	str	5
3.2.2.2	var	5
3.3	struct2 Struct Reference	6
3.3.1	Field Documentation	6
3.3.1.1	str	6
3.3.1.2	var	6
4	File Documentation	7
4.1	test-input-function-params.ipf File Reference	7
4.1.1	Function Documentation	7
4.1.1.1	myFuncParam1(variable var1)	7
4.1.1.2	myFuncParam2(variable var1, string str1)	7
4.1.1.3	myFuncParam3(wave/t w1, string str1, myStructType *myStruct1, myStructType *myStruct2, myStructType *myStruct3)	7
4.1.1.4	myFuncParam4(myStructType *param)	7
4.1.1.5	myFuncParam5(myStructType *param, string *str1=defaultValue)	7
4.2	test-input.ipf File Reference	8
4.2.1	Function Documentation	8
4.2.1.1	FooBar()	8
4.2.1.2	FooBarComp()	8

4.2.1.3	FooBarDFR()	8
4.2.1.4	FooBarStatic()	8
4.2.1.5	FooBarStaticDFR()	8
4.2.1.6	FooBarStaticThreadsafe()	8
4.2.1.7	FooBarStr()	8
4.2.1.8	FooBarSubType()	8
4.2.1.9	FooBarThread()	9
4.2.1.10	FooBarVar()	9
4.2.1.11	FooBarWave()	9
4.2.2	Variable Documentation	9
4.2.2.1	myConst	9
4.2.2.2	myStrConst	9

Chapter 1

Data Structure Index

1.1 Data Structures

Here are the data structures with brief descriptions:

myStructType	5
struct1	My structure definition	5
struct2	6

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

test-input-function-params.ipf	7
test-input.ipf	8

Chapter 3

Data Structure Documentation

3.1 myStructType Struct Reference

Data Fields

- variable [v1](#)

3.1.1 Field Documentation

3.1.1.1 variable myStructType::v1

The documentation for this struct was generated from the following file:

- [test-input-function-params.ipf](#)

3.2 struct1 Struct Reference

My structure definition.

Data Fields

- string [str](#)
- variable [var](#)

3.2.1 Detailed Description

My structure definition.

3.2.2 Field Documentation

3.2.2.1 string struct1::str

3.2.2.2 variable struct1::var

The documentation for this struct was generated from the following file:

- [test-input.ipf](#)

3.3 struct2 Struct Reference

Data Fields

- string [str](#)
- variable [var](#)

3.3.1 Field Documentation

3.3.1.1 string struct2::str

3.3.1.2 variable struct2::var

The documentation for this struct was generated from the following file:

- [test-input.ipf](#)

Chapter 4

File Documentation

4.1 test-input-function-params.ipf File Reference

Data Structures

- struct [myStructType](#)

Functions

- variable [myFuncParam1](#) (variable *var1*)
- variable [myFuncParam2](#) (variable *var1*, string *str1*)
- variable [myFuncParam3](#) (wave/t *w1*, string *str1*, [myStructType](#) **myStruct1*, [myStructType](#) **myStruct2*, [myStructType](#) **myStruct3*)
- variable [myFuncParam4](#) ([myStructType](#) **param*)
- variable [myFuncParam5](#) ([myStructType](#) **param*, string **str1*=defaultValue)

4.1.1 Function Documentation

4.1.1.1 variable [myFuncParam1](#) (variable *var1*)

4.1.1.2 variable [myFuncParam2](#) (variable *var1*, string *str1*)

4.1.1.3 variable [myFuncParam3](#) (wave/t *w1*, string *str1*, [myStructType](#) * *myStruct1*, [myStructType](#) * *myStruct2*, [myStructType](#) * *myStruct3*)

This function has structure parameters, which are always call-by-reference

Parameters

<i>w1</i>	input wave
<i>str1</i>	fancy version string
<i>myStruct1</i>	first working struct
<i>myStruct2</i>	second working struct
<i>myStruct3</i>	third working struct

4.1.1.4 variable [myFuncParam4](#) ([myStructType](#) * *param*)

4.1.1.5 variable [myFuncParam5](#) ([myStructType](#) * *param*, string * *str1* = defaultValue)

4.2 test-input.ipf File Reference

Data Structures

- struct [struct1](#)
My structure definition.
- struct [struct2](#)

Functions

- static variable [FooBarStatic](#) ()
- static threadsafe variable [FooBarStaticThreadsafe](#) ()
- threadsafe variable [FooBarThread](#) ()
- static dfr [FooBarStaticDFR](#) ()

Functions with different return types

- variable [FooBar](#) ()
- variable [FooBarSubType](#) ()
- variable [FooBarVar](#) ()
- dfr [FooBarDFR](#) ()
- complex [FooBarComp](#) ()
- string [FooBarStr](#) ()
- wave [FooBarWave](#) ()

Variables

- const variable [myConst](#) =123
This is a really special number.
- const string [myStrConst](#) ="abcd"
The first alphabet letters.

4.2.1 Function Documentation

4.2.1.1 variable [FooBar](#) ()

4.2.1.2 complex [FooBarComp](#) ()

4.2.1.3 dfr [FooBarDFR](#) ()

4.2.1.4 static variable [FooBarStatic](#) () [static]

4.2.1.5 static dfr [FooBarStaticDFR](#) () [static]

4.2.1.6 static threadsafe variable [FooBarStaticThreadsafe](#) () [static]

4.2.1.7 string [FooBarStr](#) ()

4.2.1.8 variable [FooBarSubType](#) ()

Function with subtype

The subtype is currently ignored

4.2.1.9 threadsafe variable FooBarThread ()

4.2.1.10 variable FooBarVar ()

4.2.1.11 wave FooBarWave ()

4.2.2 Variable Documentation

4.2.2.1 const variable myConst =123

This is a really special number.

4.2.2.2 const string myStrConst ="abcd"

The first alphabet letters.

Index

- FooBar
 - test-input.ipf, [8](#)
- FooBarComp
 - test-input.ipf, [8](#)
- FooBarDFR
 - test-input.ipf, [8](#)
- FooBarStatic
 - test-input.ipf, [8](#)
- FooBarStaticDFR
 - test-input.ipf, [8](#)
- FooBarStaticThreadsafe
 - test-input.ipf, [8](#)
- FooBarStr
 - test-input.ipf, [8](#)
- FooBarSubType
 - test-input.ipf, [8](#)
- FooBarThread
 - test-input.ipf, [8](#)
- FooBarVar
 - test-input.ipf, [9](#)
- FooBarWave
 - test-input.ipf, [9](#)
- myConst
 - test-input.ipf, [9](#)
- myFuncParam1
 - test-input-function-params.ipf, [7](#)
- myFuncParam2
 - test-input-function-params.ipf, [7](#)
- myFuncParam3
 - test-input-function-params.ipf, [7](#)
- myFuncParam4
 - test-input-function-params.ipf, [7](#)
- myFuncParam5
 - test-input-function-params.ipf, [7](#)
- myStrConst
 - test-input.ipf, [9](#)
- myStructType, [5](#)
 - v1, [5](#)
- str
 - struct1, [5](#)
 - struct2, [6](#)
- struct1, [5](#)
 - str, [5](#)
 - var, [5](#)
- struct2, [6](#)
 - str, [6](#)
 - var, [6](#)
- test-input-function-params.ipf, [7](#)
 - myFuncParam1, [7](#)
 - myFuncParam2, [7](#)
 - myFuncParam3, [7](#)
 - myFuncParam4, [7](#)
 - myFuncParam5, [7](#)
- test-input.ipf, [8](#)
 - FooBar, [8](#)
 - FooBarComp, [8](#)
 - FooBarDFR, [8](#)
 - FooBarStatic, [8](#)
 - FooBarStaticDFR, [8](#)
 - FooBarStaticThreadsafe, [8](#)
 - FooBarStr, [8](#)
 - FooBarSubType, [8](#)
 - FooBarThread, [8](#)
 - FooBarVar, [9](#)
 - FooBarWave, [9](#)
 - myConst, [9](#)
 - myStrConst, [9](#)
- v1
 - myStructType, [5](#)
- var
 - struct1, [5](#)
 - struct2, [6](#)