Test project

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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 Detailed Description

Definition at line 12 of file test-input-function-params.ipf.

3.1.2 Field Documentation

3.1.2.1 variable myStructType::v1

Definition at line 12 of file test-input-function-params.ipf.

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.

Definition at line 56 of file test-input.ipf.

3.2.2 Field Documentation

3.2.2.1 string struct1::str

Definition at line 56 of file test-input.ipf.

3.2.2.2 variable struct1::var

Definition at line 58 of file test-input.ipf.

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 Detailed Description

Definition at line 61 of file test-input.ipf.

3.3.2 Field Documentation

3.3.2.1 string struct2::str

Definition at line 61 of file test-input.ipf.

3.3.2.2 variable struct2::var

Definition at line 63 of file test-input.ipf.

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)

4.1.1 Function Documentation

4.1.1.1 variable myFuncParam1 (variable *var1*)

Definition at line 3 of file test-input-function-params.ipf.

4.1.1.2 variable myFuncParam2 (variable *var1*, string *str1*)

Definition at line 7 of file test-input-function-params.ipf.

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

w1	input wave
str1	fancy version string
myStruct1	first working struct
myStruct2	second working struct
myStruct3	third working struct

Definition at line 22 of file test-input-function-params.ipf.

4.1.1.4 variable myFuncParam4 (myStructType * *param*)

Definition at line 30 of file test-input-function-params.ipf.

4.1.1.5 variable myFuncParam5 (myStructType * *param*, string * *str1*)

Definition at line 35 of file test-input-function-params.ipf.

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 ()

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 ( )

Definition at line 10 of file test-input.ipf.

4.2.1.2 complex FooBarComp ( )

Definition at line 29 of file test-input.ipf.

4.2.1.3 dfr FooBarDFR ( )

Definition at line 25 of file test-input.ipf.

4.2.1.4 static variable FooBarStatic ( ) [static]

Definition at line 43 of file test-input.ipf.

4.2.1.5 static threadsafe variable FooBarStaticThreadsafe ( ) [static]

Definition at line 47 of file test-input.ipf.

4.2.1.6 string FooBarStr ( )

Definition at line 33 of file test-input.ipf.

4.2.1.7 variable FooBarSubType ( )

Function with subtype

The subtype is currently ignored

Definition at line 17 of file test-input.ipf.

4.2.1.8 threadsafe variable FooBarThread ( )

Definition at line 51 of file test-input.ipf.

4.2.1.9 variable FooBarVar ( )

Definition at line 21 of file test-input.ipf.

4.2.1.10 wave FooBarWave ( )

Definition at line 37 of file test-input.ipf.

4.2.2 Variable Documentation

4.2.2.1 const variable myConst = 123

This is a really special number.

Definition at line 3 of file test-input.ipf.

4.2.2.2 const string myStrConst = "abcd"

The first alphabet letters.

Definition at line 6 of file test-input.ipf.

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