

## My Doxygen Project

Generated by Doxygen 1.8.13



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# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

<a href="#">my_doxygen_namespace</a>	This namespace defines all the classes related to doxygen documentation . . . . .	5
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## Chapter 2

# Class Index

### 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">Pereskov_Vladislav::my_doxygen_class&lt; T1, T2 &gt;</a>	
Doxygen test class . . . . .	7





## Chapter 3

# Namespace Documentation

### 3.1 my\_doxygen\_namespace Namespace Reference

This namespace defines all the classes related to doxygen documentation.

#### 3.1.1 Detailed Description

This namespace defines all the classes related to doxygen documentation.



## Chapter 4

# Class Documentation

### 4.1 Pereskokov\_Vladislav::my\_doxygen\_class< T1, T2 > Class Template Reference

a doxygen test class

```
#include <myclass.hpp>
```

#### Public Types

- typedef T1 [Type1](#)  
*defines the type of the first type*
- typedef T2 [Type2](#)  
*defines the type of the second type*

#### Public Member Functions

- [my\\_doxygen\\_class](#) ()  
*the default constructor that takes no argument*
- [~my\\_doxygen\\_class](#) ()  
*the default destructor*
- void [my\\_public\\_function](#) (T1 arg\_t1, T2 arg\_t2) const  
*a function that takes two arguments*

#### Private Attributes

- T1 [m\\_t1](#)
- T2 [m\\_t2](#)

#### 4.1.1 Detailed Description

```
template<typename T1, typename T2>  
class Pereskokov_Vladislav::my_doxygen_class< T1, T2 >
```

a doxygen test class

### Template Parameters

<i>T1</i>	first template argument
<i>T2</i>	second template argument

## 4.1.2 Member Function Documentation

### 4.1.2.1 my\_public\_function()

```
template<typename T1 , typename T2 >
void Pereskakov_Vladislav::my_doxygen_class< T1, T2 >::my_public_function (
    T1 arg_t1,
    T2 arg_t2 ) const [inline]
```

a function that takes two arguments

#### Parameters

<i>arg</i> ↔ <i>_t1</i>	first argument
<i>arg</i> ↔ <i>_t2</i>	second argument

## 4.1.3 Member Data Documentation

### 4.1.3.1 m\_t1

```
template<typename T1 , typename T2 >
T1 Pereskakov_Vladislav::my_doxygen_class< T1, T2 >::m_t1 [private]
```

first private member

### 4.1.3.2 m\_t2

```
template<typename T1 , typename T2 >
T2 Pereskakov_Vladislav::my_doxygen_class< T1, T2 >::m_t2 [private]
```

second private member

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

- /Users/vladislavpereskov/Desktop/Doxygen/src/myclass.hpp

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