# **Open Digital Twin**

Release 0.1

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# **CONTENTS**

1	Cosmic Cube	3
2	Airfoil Benchmark	5
3	Software         3.1       FENGSim          3.1.1       Class Hierarchy          3.1.2       File Hierarchy          3.1.3       Full API	7 7
4	Indices and tables	11
5	OpenCAE+           5.1 OpenCAEPoro            5.2 FASP	13 13 13
In	dex	15

欢迎使用开源数字孪生项目!ODT由FENGSim和OpenCAE+构成,其中FENGSim包括Cosmic Cube集成开发环境和Airfoil Benchmark架构,Airfoil架构包括FEniCS教程中文翻译版本。

CONTENTS 1

2 CONTENTS

CHAPTER	
ONE	

# **COSMIC CUBE**

CHAPTER	
TWO	

# **AIRFOIL BENCHMARK**

**CHAPTER** 

# **THREE**

## **SOFTWARE**

### 3.1 FENGSim

## 3.1.1 Class Hierarchy

## 3.1.2 File Hierarchy

## 3.1.3 Full API

#### **Classes and Structs**

#### Class QTstyle\_Test

• Defined in file\_include\_test.h

#### **Class Documentation**

#### class QTstyle\_Test

A test class.

A more elaborate class description.

#### **Public Types**

#### enum TEnum

An enum.

More detailed enum description.

Values:

#### enumerator TVal1

Enum value TVal1.

#### enumerator TVal2

Enum value TVal2.

#### enumerator TVal3

Enum value TVal3.

#### **Public Functions**

#### QTstyle\_Test()

A constructor.

A more elaborate description of the constructor.

#### ~QTstyle\_Test()

A destructor.

A more elaborate description of the destructor.

```
int testMe(int a, const char *s)
```

A normal member taking two arguments and returning an integer value.

#### See also:

```
QTstyle_Test(), ~QTstyle_Test(), testMeToo() and publicVar()
```

#### **Parameters**

- a an integer argument.
- **s** a constant character pointer.

**Returns** The test results

```
virtual void testMeToo(char c1, char c2) = 0
```

A pure virtual member.

#### See also:

```
testMe()
```

#### **Parameters**

- **c1** the first argument.
- c2 the second argument.

#### **Public Members**

```
enum QTstyle_Test::TEnum *enumPtr
```

Enum pointer.

Details.

## enum *QTstyle\_Test::TEnum* enumVar

Enum variable.

Details.

## int **publicVar**

A public variable.

Details.

#### int (\*handler)(int a, int b)

A function variable.

Details.

3.1. FENGSim 9

# **CHAPTER**

# **FOUR**

# **INDICES AND TABLES**

- genindex
- search

# CHAPTER

# **FIVE**

# **OPENCAE+**

- **5.1 OpenCAEPoro**
- **5.2 FASP**

### **INDEX**

#### Q

```
QTstyle_Test (C++ class), 7
QTstyle_Test::~QTstyle_Test (C++ function), 8
QTstyle_Test::enumPtr (C++ member), 8
QTstyle_Test::enumVar (C++ member), 8
QTstyle_Test::handler (C++ member), 9
QTstyle_Test::publicVar (C++ member), 9
QTstyle_Test::QTstyle_Test (C++ function), 8
QTstyle_Test::TEnum (C++ enum), 7
QTstyle_Test::TEnum::TVal1 (C++ enumerator), 7
QTstyle_Test::TEnum::TVal2 (C++ enumerator), 7
QTstyle_Test::TEnum::TVal3 (C++ enumerator), 7
QTstyle_Test::testMe (C++ function), 8
QTstyle_Test::testMeToo (C++ function), 8
```