

# DocCoreTools

NITROMVC - COREBASE - NOTIONCUBESOFTWARE GMBH

# Table of Contents

<b>Symbol Reference</b>	<b>1</b>
<b>AdobeXD Namespace</b>	<b>1</b>
Classes	1
AdobeXDReader Class	1
Artboard Class	2
Artboard Methods	3
ArtboardObject Class	8
ArtboardObject Data Members	11
ArtboardObject Methods	17
ArtboardObject Nested Types	18
ArtboardShape Class	18
ArtboardText Class	20
ArtboardText Methods	23
<b>Classes</b>	<b>24</b>
CoreMail Class	24
SmtpClient Class	25
SmtpClient Classes	27
SmtpClient::ResponseTimeoutException Class	27
SmtpClient::SendMessageTimeoutException Class	27
SmtpClient Data Members	27
SmtpClient::authMethod Data Member	27
SmtpClient::connectionTimeout Data Member	28
SmtpClient::connectionType Data Member	28
SmtpClient::host Data Member	28
SmtpClient::name Data Member	28
SmtpClient::password Data Member	28
SmtpClient::port Data Member	29
SmtpClient::responseCode Data Member	29
SmtpClient::responseText Data Member	29
SmtpClient::responseTimeout Data Member	29
SmtpClient::sendMessageTimeout Data Member	29
SmtpClient::socket Data Member	30
SmtpClient::user Data Member	30
SmtpClient Methods	30
SmtpClient::sendMessage Method	30
SmtpClient::smtpError Method	30
SmtpClient::socketError Method	31
SmtpClient::socketReadyRead Method	31

---

SmtpClient::socketStateChanged Method	31
SmtpClient::waitForResponse Method	31
<b>Functions</b>	<b>32</b>
AdobeXDReader::m_ReaderCache Function	33
ArtboardObject::m_UnitCentimeter Function	33
ArtboardObject::m_UnitInch Function	33
ArtboardObject::m_UnitMillimeter Function	33
ArtboardObject::m_UnitPixel Function	34
ArtboardObject::m_UnitPoint Function	34
ArtboardObject::m_UnitRelative Function	34
ArtboardObject::m_UnitRelativeHeight Function	34
ArtboardObject::m_UnitRelativeMax Function	35
ArtboardObject::m_UnitRelativeMin Function	35
ArtboardObject::m_UnitRelativeWidth Function	35
<b>Variables</b>	<b>35</b>
AdobeXDReader::m_EmptyArray Variable	36
AdobeXDReader::m_EmptyJson Variable	36
AdobeXDReader::m_EmptyString Variable	36
AdobeXDReader::m_ImageWebPath Variable	37
AdobeXDReader::m_ReaderTimeStamp Variable	37
AdobeXDReader::m_ServerPath Variable	37
CoreMail::m_GlobalHost Variable	37
CoreMail::m_GlobalMail Variable	38
CoreMail::m_GlobalMailName Variable	38
CoreMail::m_GlobalName Variable	38
CoreMail::m_GlobalPassword Variable	38
CoreMail::m_GlobalPort Variable	39
CoreMail::m_GlobalUser Variable	39
<b>Macros</b>	<b>39</b>
NCCORETOOLS_EXPORT Macro	39
<b>Files</b>	<b>40</b>
AdobeXDReader.cpp	40
AdobeXDReader.h	41
Artboard.cpp	41
Artboard.h	41
ArtboardObject.cpp	41
ArtboardObject.h	42
ArtboardShape.cpp	42
ArtboardShape.h	42
ArtboardText.cpp	42
ArtboardText.h	43

---

CoreMail.cpp	43
CoreMail.h	43
CoreToolsGlobal.h	44
smtpclient.cpp	44
smtpclient.h	44

## Index






**a**

# 1 Symbol Reference

## 1.1 AdobeXD Namespace

This is namespace AdobeXD.

### Classes

	Name	Description
	AdobeXDReader ( <a href="#">see page 1</a> )	
	Artboard ( <a href="#">see page 2</a> )	
	ArtboardObject ( <a href="#">see page 8</a> )	
	ArtboardShape ( <a href="#">see page 18</a> )	
	ArtboardText ( <a href="#">see page 20</a> )	

### Legend

	Class
---	-------






### Topics

Name	Description
Classes ( <a href="#">see page 1</a> )	The following table lists classes in this documentation.

### 1.1.1 Classes

The following table lists classes in this documentation.

### Classes

	Name	Description
	AdobeXDReader ( <a href="#">see page 1</a> )	
	Artboard ( <a href="#">see page 2</a> )	
	ArtboardObject ( <a href="#">see page 8</a> )	
	ArtboardShape ( <a href="#">see page 18</a> )	
	ArtboardText ( <a href="#">see page 20</a> )	

### Namespace

AdobeXD Namespace ([see page 1](#))

### Legend

	Class
---	-------

#### 1.1.1.1 AdobeXDReader Class

### Author

Tobias Post

**Company**

NOTIONCUBE Software GmbH

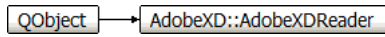
**Date**

29.12.2019

**C++**

```
class AdobeXDReader : public QObject;
```

**Inheritance**



**Group**

Classes (see page 1)

**Context**

DefaultNamespace

**Method**

AdobeXDReader

**Class**

AdobeXDReader

## 1.1.1.2 Artboard Class

**Author**

Tobias Post

**Company**

NOTIONCUBE Software GmbH

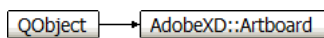
**Date**

31.12.2019

**C++**

```
class Artboard : public QObject;
```

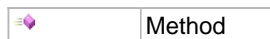
**Inheritance**



**Group**

Classes (see page 1)

**Legend**



**Members**

**Artboard Methods**

	Name	Description
◆	columnSpacing (see page 3)	
◆	columns (see page 4)	
◆	defaultLayoutWidth (see page 4)	
◆	gutter (see page 4)	

height (see page 5)	
id (see page 5)	
marginBottom (see page 5)	
marginLeft (see page 5)	
marginRight (see page 6)	
marginTop (see page 6)	
name (see page 6)	
search(ArtboardShape*) (see page 7)	
shapes (see page 7)	
texts (see page 7)	
width (see page 8)	
x (see page 8)	
y (see page 8)	

**Artboard Methods**

	Name	Description
columnSpacing (see page 3)		
columns (see page 4)		
defaultLayoutWidth (see page 4)		
gutter (see page 4)		
height (see page 5)		
id (see page 5)		
marginBottom (see page 5)		
marginLeft (see page 5)		
marginRight (see page 6)		
marginTop (see page 6)		
name (see page 6)		
search(ArtboardShape*) (see page 7)		
shapes (see page 7)		
texts (see page 7)		
width (see page 8)		
x (see page 8)		
y (see page 8)		

**Context**

DefaultNamespace

**Method**

Artboard

**Class**

Artboard

**1.1.1.2.1 Artboard Methods****1.1.1.2.1.1 Artboard::columnSpacing Method****Body Source**

```

1: inline const QString&columnSpacing() const
2: {
3:     return m_ColumnSpacing;
4: }
```



**C++**

```
inline const QString& columnSpacing() const;
```

**Description**

This is columnSpacing, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

**1.1.1.2.1.2 Artboard::columns Method****Body Source**

```
1: inline const QString&columns() const
2: {
3:     return m_Columns;
4: }
```

**C++**

```
inline const QString& columns() const;
```

**Description**

This is columns, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

**1.1.1.2.1.3 Artboard::defaultLayoutWidth Method****Body Source**

```
1: inline const QString&defaultLayoutWidth() const
2: {
3:     return m_DefaultLayoutWidth;
4: }
```

**C++**

```
inline const QString& defaultLayoutWidth() const;
```

**Description**

This is defaultLayoutWidth, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

**1.1.1.2.1.4 Artboard::gutter Method****Body Source**

```
1: inline const QString&gutter() const
2: {
3:     return m_Gutter;
4: }
```

**C++**

```
inline const QString& gutter() const;
```

**Description**

This is gutter, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

### 1.1.1.2.1.5 Artboard::height Method

#### Body Source

```
1: inline const QString&height() const
2: {
3:     return m_Height;
4: }
```

#### C++

```
inline const QString& height() const;
```

#### Description

This is height, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.6 Artboard::id Method

#### Body Source

```
1: inline const QString&id() const
2: {
3:     return m_Id;
4: }
```

#### C++

```
inline const QString& id() const;
```

#### Description

This is id, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.7 Artboard::marginBottom Method

#### Body Source

```
1: inline const QString&marginBottom() const
2: {
3:     return m_MarginBottom;
4: }
```

#### C++

```
inline const QString& marginBottom() const;
```

#### Description

This is marginBottom, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.8 Artboard::marginLeft Method

#### Body Source

```
1: inline const QString&marginLeft() const
2: {
3:     return m_MarginLeft;
4: }
```

**C++**

```
inline const QString& marginLeft() const;
```

**Description**

This is marginLeft, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

**1.1.1.2.1.9 Artboard::marginRight Method****Body Source**

```
1: inline const QString&marginRight() const
2: {
3:     return m_MarginRight;
4: }
```

**C++**

```
inline const QString& marginRight() const;
```

**Description**

This is marginRight, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

**1.1.1.2.1.10 Artboard::marginTop Method****Body Source**

```
1: inline const QString&marginTop() const
2: {
3:     return m_MarginTop;
4: }
```

**C++**

```
inline const QString& marginTop() const;
```

**Description**

This is marginTop, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

**1.1.1.2.1.11 Artboard::name Method****Body Source**

```
1: inline const QString&name() const
2: {
3:     return m_Name;
4: }
```

**C++**

```
inline const QString& name() const;
```

**Description**

This is name, a member of class Artboard.

**Class**

Artboard Class ([see page 2](#))

### 1.1.1.2.1.12 search Method

#### 1.1.1.2.1.12.1 Artboard::search Method (ArtboardShape\*)

**C++**

```
ArtboardShape* search(ArtboardShape* searchshape);
```

#### Description

This is search, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

#### 1.1.1.2.1.12.2 Artboard::search Method (ArtboardText\*)

**C++**

```
ArtboardText* search(ArtboardText* searchtext);
```

#### Description

This is search, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.13 Artboard::shapes Method

#### Body Source

```
1: const QList<QPointer<ArtboardShape> >& shapes()  
2: {  
3:     return m_Shapes;  
4: }
```

**C++**

```
const QList<QPointer<ArtboardShape> >& shapes();
```

#### Description

This is shapes, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.14 Artboard::texts Method

#### Body Source

```
1: const QList<QPointer<ArtboardText> >& texts()  
2: {  
3:     return m_Texts;  
4: }
```

**C++**

```
const QList<QPointer<ArtboardText> >& texts();
```

#### Description

This is texts, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.15 Artboard::width Method

#### Body Source

```
1: inline const QString&width() const
2: {
3:     return m_Width;
4: }
```

#### C++

```
inline const QString& width() const;
```

#### Description

This is width, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.16 Artboard::x Method

#### Body Source

```
1: inline const QString&x() const
2: {
3:     return m_X;
4: }
```

#### C++

```
inline const QString& x() const;
```

#### Description

This is x, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

### 1.1.1.2.1.17 Artboard::y Method

#### Body Source

```
1: inline const QString&y() const
2: {
3:     return m_Y;
4: }
```

#### C++

```
inline const QString& y() const;
```

#### Description

This is y, a member of class Artboard.

#### Class

Artboard Class ([↗](#) see page 2)

## 1.1.1.3 ArtboardObject Class

#### Author

Tobias Post

#### Company

NOTIONCUBE Software GmbH

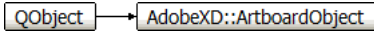
**Date**

11.01.2020

**C++**

```
class ArtboardObject : public QObject;
```

**Inheritance**



**ArtboardObject Data Members**

	Name	Description
	m_ConstraintBottom ( <a href="#">see page 11</a> )	
	m_ConstraintHeight ( <a href="#">see page 11</a> )	
	m_ConstraintLeft ( <a href="#">see page 11</a> )	
	m_ConstraintRight ( <a href="#">see page 11</a> )	
	m_ConstraintTop ( <a href="#">see page 12</a> )	
	m_ConstraintWidth ( <a href="#">see page 12</a> )	
	m_Fill ( <a href="#">see page 12</a> )	
	m_FillAlpha ( <a href="#">see page 12</a> )	
	m_FillB ( <a href="#">see page 12</a> )	
	m_FillG ( <a href="#">see page 13</a> )	
	m_FillR ( <a href="#">see page 13</a> )	
	m_Name ( <a href="#">see page 13</a> )	
	m_Opacity ( <a href="#">see page 13</a> )	
	m_Order ( <a href="#">see page 13</a> )	
	m_RectHeight ( <a href="#">see page 14</a> )	
	m_RectWidth ( <a href="#">see page 14</a> )	
	m_RectX ( <a href="#">see page 14</a> )	
	m_RectY ( <a href="#">see page 14</a> )	
	m_Rotation ( <a href="#">see page 14</a> )	
	m_Tx ( <a href="#">see page 15</a> )	
	m_Ty ( <a href="#">see page 15</a> )	
	m_UnitCentimeter ( <a href="#">see page 15</a> )	
	m_UnitInch ( <a href="#">see page 15</a> )	
	m_UnitMillimeter ( <a href="#">see page 15</a> )	
	m_UnitPixel ( <a href="#">see page 16</a> )	
	m_UnitPoint ( <a href="#">see page 16</a> )	
	m_UnitRelative ( <a href="#">see page 16</a> )	
	m_UnitRelativeHeight ( <a href="#">see page 16</a> )	
	m_UnitRelativeMax ( <a href="#">see page 16</a> )	
	m_UnitRelativeMin ( <a href="#">see page 17</a> )	
	m_UnitRelativeWidth ( <a href="#">see page 17</a> )	

**Group**

Classes ([see page 1](#))

**Legend**

	Data Member
	protected
	Method

**Members**

**ArtboardObject Data Members**

	Name	Description
	m_ConstraintBottom ( <a href="#">see page 11</a> )	
	m_ConstraintHeight ( <a href="#">see page 11</a> )	
	m_ConstraintLeft ( <a href="#">see page 11</a> )	
	m_ConstraintRight ( <a href="#">see page 11</a> )	
	m_ConstraintTop ( <a href="#">see page 12</a> )	
	m_ConstraintWidth ( <a href="#">see page 12</a> )	
	m_Fill ( <a href="#">see page 12</a> )	
	m_FillAlpha ( <a href="#">see page 12</a> )	
	m_FillB ( <a href="#">see page 12</a> )	
	m_FillG ( <a href="#">see page 13</a> )	
	m_FillR ( <a href="#">see page 13</a> )	
	m_Name ( <a href="#">see page 13</a> )	
	m_Opacity ( <a href="#">see page 13</a> )	
	m_Order ( <a href="#">see page 13</a> )	
	m_RectHeight ( <a href="#">see page 14</a> )	
	m_RectWidth ( <a href="#">see page 14</a> )	
	m_RectX ( <a href="#">see page 14</a> )	
	m_RectY ( <a href="#">see page 14</a> )	
	m_Rotation ( <a href="#">see page 14</a> )	
	m_Tx ( <a href="#">see page 15</a> )	
	m_Ty ( <a href="#">see page 15</a> )	
	m_UnitCentimeter ( <a href="#">see page 15</a> )	
	m_UnitInch ( <a href="#">see page 15</a> )	
	m_UnitMillimeter ( <a href="#">see page 15</a> )	
	m_UnitPixel ( <a href="#">see page 16</a> )	
	m_UnitPoint ( <a href="#">see page 16</a> )	
	m_UnitRelative ( <a href="#">see page 16</a> )	
	m_UnitRelativeHeight ( <a href="#">see page 16</a> )	
	m_UnitRelativeMax ( <a href="#">see page 16</a> )	
	m_UnitRelativeMin ( <a href="#">see page 17</a> )	
	m_UnitRelativeWidth ( <a href="#">see page 17</a> )	

**ArtboardObject Methods**

	Name	Description
	percentage ( <a href="#">see page 17</a> )	
	value ( <a href="#">see page 17</a> )	

**ArtboardObject Nested Types**

Name	Description
UNIT ( <a href="#">see page 18</a> )	

**ArtboardObject Methods**

	Name	Description
	percentage ( <a href="#">see page 17</a> )	
	value ( <a href="#">see page 17</a> )	

**ArtboardObject Nested Types**

Name	Description
UNIT ( <a href="#">see page 18</a> )	

**Context**

DefaultNamespace

**Class**

ArtboardObject

### 1.1.1.3.1 ArtboardObject Data Members

#### 1.1.1.3.1.1 ArtboardObject::m\_ConstraintBottom Data Member

**C++**

```
QString m_ConstraintBottom;
```

**Description**

This is m\_ConstraintBottom, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

#### 1.1.1.3.1.2 ArtboardObject::m\_ConstraintHeight Data Member

**C++**

```
QString m_ConstraintHeight;
```

**Description**

This is m\_ConstraintHeight, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

#### 1.1.1.3.1.3 ArtboardObject::m\_ConstraintLeft Data Member

**C++**

```
QString m_ConstraintLeft;
```

**Description**

This is m\_ConstraintLeft, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

#### 1.1.1.3.1.4 ArtboardObject::m\_ConstraintRight Data Member

**C++**

```
QString m_ConstraintRight;
```

**Description**

This is m\_ConstraintRight, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))



### 1.1.1.3.1.5 ArtboardObject::m\_ConstraintTop Data Member

**C++**

```
QString m_ConstraintTop;
```

**Description**

This is m\_ConstraintTop, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.6 ArtboardObject::m\_ConstraintWidth Data Member

**C++**

```
QString m_ConstraintWidth;
```

**Description**

This is m\_ConstraintWidth, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.7 ArtboardObject::m\_Fill Data Member

**C++**

```
QString m_Fill;
```

**Description**

This is m\_Fill, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.8 ArtboardObject::m\_FillAlpha Data Member

**C++**

```
QString m_FillAlpha;
```

**Description**

This is m\_FillAlpha, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.9 ArtboardObject::m\_FillB Data Member

**C++**

```
QString m_FillB;
```

**Description**

This is m\_FillB, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.10 ArtboardObject::m\_FillG Data Member

**C++**

```
QString m_FillG;
```

**Description**

This is m\_FillG, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.11 ArtboardObject::m\_FillR Data Member

**C++**

```
QString m_FillR;
```

**Description**

This is m\_FillR, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.12 ArtboardObject::m\_Name Data Member

**C++**

```
QString m_Name;
```

**Description**

This is m\_Name, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.13 ArtboardObject::m\_Opacity Data Member

**C++**

```
QString m_Opacity;
```

**Description**

This is m\_Opacity, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.14 ArtboardObject::m\_Order Data Member

**C++**

```
qint32 m_Order;
```

**Description**

This is m\_Order, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.15 ArtboardObject::m\_RectHeight Data Member

**C++**

```
QString m_RectHeight;
```

**Description**

This is m\_RectHeight, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.16 ArtboardObject::m\_RectWidth Data Member

**C++**

```
QString m_RectWidth;
```

**Description**

This is m\_RectWidth, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.17 ArtboardObject::m\_RectX Data Member

**C++**

```
QString m_RectX;
```

**Description**

This is m\_RectX, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.18 ArtboardObject::m\_RectY Data Member

**C++**

```
QString m_RectY;
```

**Description**

This is m\_RectY, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.19 ArtboardObject::m\_Rotation Data Member

**C++**

```
QString m_Rotation;
```

**Description**

This is m\_Rotation, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.20 ArtboardObject::m\_Tx Data Member

**C++**

```
QString m_Tx;
```

**Description**

This is m\_Tx, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.21 ArtboardObject::m\_Ty Data Member

**C++**

```
QString m_Ty;
```

**Description**

This is m\_Ty, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.22 ArtboardObject::m\_UnitCentimeter Data Member

**C++**

```
QString m_UnitCentimeter;
```

**Description**

This is m\_UnitCentimeter, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.23 ArtboardObject::m\_UnitInch Data Member

**C++**

```
QString m_UnitInch;
```

**Description**

This is m\_UnitInch, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.24 ArtboardObject::m\_UnitMillimeter Data Member

**C++**

```
QString m_UnitMillimeter;
```

**Description**

This is m\_UnitMillimeter, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.25 ArtboardObject::m\_UnitPixel Data Member

**C++**

```
QString m_UnitPixel;
```

**Description**

This is m\_UnitPixel, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.26 ArtboardObject::m\_UnitPoint Data Member

**C++**

```
QString m_UnitPoint;
```

**Description**

This is m\_UnitPoint, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.27 ArtboardObject::m\_UnitRelative Data Member

**C++**

```
QString m_UnitRelative;
```

**Description**

This is m\_UnitRelative, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.28 ArtboardObject::m\_UnitRelativeHeight Data Member

**C++**

```
QString m_UnitRelativeHeight;
```

**Description**

This is m\_UnitRelativeHeight, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.29 ArtboardObject::m\_UnitRelativeMax Data Member

**C++**

```
QString m_UnitRelativeMax;
```

**Description**

This is m\_UnitRelativeMax, a member of class ArtboardObject.

**Class**

ArtboardObject Class ([see page 8](#))

### 1.1.1.3.1.30 ArtboardObject::m\_UnitRelativeMin Data Member

**C++**

```
QString m_UnitRelativeMin;
```

#### Description

This is m\_UnitRelativeMin, a member of class ArtboardObject.

#### Class

ArtboardObject Class ([↗](#) see page 8)

### 1.1.1.3.1.31 ArtboardObject::m\_UnitRelativeWidth Data Member

**C++**

```
QString m_UnitRelativeWidth;
```

#### Description

This is m\_UnitRelativeWidth, a member of class ArtboardObject.

#### Class

ArtboardObject Class ([↗](#) see page 8)

## 1.1.1.3.2 ArtboardObject Methods

### 1.1.1.3.2.1 ArtboardObject::percentage Method

#### Body Source

```
1: inline double percentage(double value, qint32 width)
2: {
3:     return (100.0 * (value) / width);
4: }
```

**C++**

```
inline double percentage(double value, qint32 width);
```

#### Description

This is percentage, a member of class ArtboardObject.

#### Class

ArtboardObject Class ([↗](#) see page 8)

### 1.1.1.3.2.2 ArtboardObject::value Method

#### Body Source

```
1: inline double value(double value, qint32 width, UNIT un)
2: {
3:     switch (un)
4:     {
5:         default: return value;
6:         case RELATIVE: case RELATIVEWIDTH: case RELATIVEHEIGHT: case RELATIVEMIN: case
RELATIVEMAX: return percentage(value, width);
7:     }
8: }
```

**C++**

```
inline double value(double value, qint32 width, UNIT un);
```

**Description**

This is value, a member of class ArtboardObject.

**Class**

ArtboardObject Class (🔗 see page 8)

### 1.1.1.3.3 ArtboardObject Nested Types

#### 1.1.1.3.3.1 ArtboardObject::UNIT Nested Type

**C++**

```
typedef enum {
} UNIT;
```

**Description**

This is nested type AdobeXD::ArtboardObject::UNIT.

**Class**

ArtboardObject Class (🔗 see page 8)

### 1.1.1.4 ArtboardShape Class

**Author**

Tobias Post

**Company**

NOTIONCUBE Software GmbH

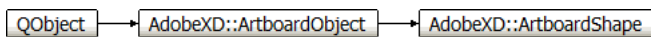
**Date**

31.12.2019

**C++**
















```
class ArtboardShape : public ArtboardObject;
```

**Inheritance**



**ArtboardObject Data Members**




	Name	Description
🔗	m_ConstraintBottom (🔗 see page 11)	
🔗	m_ConstraintHeight (🔗 see page 11)	
🔗	m_ConstraintLeft (🔗 see page 11)	
🔗	m_ConstraintRight (🔗 see page 11)	
🔗	m_ConstraintTop (🔗 see page 12)	
🔗	m_ConstraintWidth (🔗 see page 12)	
🔗	m_Fill (🔗 see page 12)	
🔗	m_FillAlpha (🔗 see page 12)	
🔗	m_FillB (🔗 see page 12)	
🔗	m_FillG (🔗 see page 13)	
🔗	m_FillR (🔗 see page 13)	
🔗	m_Name (🔗 see page 13)	
🔗	m_Opacity (🔗 see page 13)	

	m_Order (see page 13)	
	m_RectHeight (see page 14)	
	m_RectWidth (see page 14)	
	m_RectX (see page 14)	
	m_RectY (see page 14)	
	m_Rotation (see page 14)	
	m_Tx (see page 15)	
	m_Ty (see page 15)	
	m_UnitCentimeter (see page 15)	
	m_UnitInch (see page 15)	
	m_UnitMillimeter (see page 15)	
	m_UnitPixel (see page 16)	
	m_UnitPoint (see page 16)	
	m_UnitRelative (see page 16)	
	m_UnitRelativeHeight (see page 16)	
	m_UnitRelativeMax (see page 16)	
	m_UnitRelativeMin (see page 17)	
	m_UnitRelativeWidth (see page 17)	

**Group**




















Classes (see page 1)

**Legend**


	Data Member
	protected
	Method

**Members**



**ArtboardObject Data Members**

	Name	Description
	m_ConstraintBottom (see page 11)	
	m_ConstraintHeight (see page 11)	
	m_ConstraintLeft (see page 11)	
	m_ConstraintRight (see page 11)	
	m_ConstraintTop (see page 12)	
	m_ConstraintWidth (see page 12)	
	m_Fill (see page 12)	
	m_FillAlpha (see page 12)	
	m_FillB (see page 12)	
	m_FillG (see page 13)	
	m_FillR (see page 13)	
	m_Name (see page 13)	
	m_Opacity (see page 13)	
	m_Order (see page 13)	
	m_RectHeight (see page 14)	
	m_RectWidth (see page 14)	
	m_RectX (see page 14)	
	m_RectY (see page 14)	
	m_Rotation (see page 14)	



	m_Tx ( <a href="#">see page 15</a> )	
	m_Ty ( <a href="#">see page 15</a> )	
	m_UnitCentimeter ( <a href="#">see page 15</a> )	
	m_UnitInch ( <a href="#">see page 15</a> )	
	m_UnitMillimeter ( <a href="#">see page 15</a> )	
	m_UnitPixel ( <a href="#">see page 16</a> )	
	m_UnitPoint ( <a href="#">see page 16</a> )	
	m_UnitRelative ( <a href="#">see page 16</a> )	
	m_UnitRelativeHeight ( <a href="#">see page 16</a> )	
	m_UnitRelativeMax ( <a href="#">see page 16</a> )	
	m_UnitRelativeMin ( <a href="#">see page 17</a> )	
	m_UnitRelativeWidth ( <a href="#">see page 17</a> )	

**ArtboardObject Methods**

	Name	Description
	percentage ( <a href="#">see page 17</a> )	
	value ( <a href="#">see page 17</a> )	

**ArtboardObject Nested Types**

Name	Description
UNIT ( <a href="#">see page 18</a> )	

**ArtboardObject Methods**

	Name	Description
	percentage ( <a href="#">see page 17</a> )	
	value ( <a href="#">see page 17</a> )	

**ArtboardObject Nested Types**

Name	Description
UNIT ( <a href="#">see page 18</a> )	

**Context**

DefaultNamespace

**Method**

ArtboardShape

**Class**

ArtboardShape

## 1.1.1.5 ArtboardText Class

**Author**

Tobias Post

**Company**

NOTIONCUBE Software GmbH

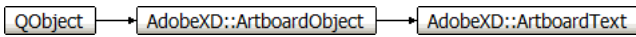
**Date**

31.12.2019

**C++**

```
class ArtboardText : public ArtboardObject;
```

**Inheritance**



**ArtboardObject Data Members**

	Name	Description
	m_ConstraintBottom (see page 11)	
	m_ConstraintHeight (see page 11)	
	m_ConstraintLeft (see page 11)	
	m_ConstraintRight (see page 11)	
	m_ConstraintTop (see page 12)	
	m_ConstraintWidth (see page 12)	
	m_Fill (see page 12)	
	m_FillAlpha (see page 12)	
	m_FillB (see page 12)	
	m_FillG (see page 13)	
	m_FillR (see page 13)	
	m_Name (see page 13)	
	m_Opacity (see page 13)	
	m_Order (see page 13)	
	m_RectHeight (see page 14)	
	m_RectWidth (see page 14)	
	m_RectX (see page 14)	
	m_RectY (see page 14)	
	m_Rotation (see page 14)	
	m_Tx (see page 15)	
	m_Ty (see page 15)	
	m_UnitCentimeter (see page 15)	
	m_UnitInch (see page 15)	
	m_UnitMillimeter (see page 15)	
	m_UnitPixel (see page 16)	
	m_UnitPoint (see page 16)	
	m_UnitRelative (see page 16)	
	m_UnitRelativeHeight (see page 16)	
	m_UnitRelativeMax (see page 16)	
	m_UnitRelativeMin (see page 17)	
	m_UnitRelativeWidth (see page 17)	

**Group**

Classes (see page 1)

**Legend**

	Data Member
	protected
	Method

**Members**

**ArtboardObject Data Members**

	Name	Description
	m_ConstraintBottom (see page 11)	

	m_ConstraintHeight ( <a href="#">see page 11</a> )	
	m_ConstraintLeft ( <a href="#">see page 11</a> )	
	m_ConstraintRight ( <a href="#">see page 11</a> )	
	m_ConstraintTop ( <a href="#">see page 12</a> )	
	m_ConstraintWidth ( <a href="#">see page 12</a> )	
	m_Fill ( <a href="#">see page 12</a> )	
	m_FillAlpha ( <a href="#">see page 12</a> )	
	m_FillB ( <a href="#">see page 12</a> )	
	m_FillG ( <a href="#">see page 13</a> )	
	m_FillR ( <a href="#">see page 13</a> )	
	m_Name ( <a href="#">see page 13</a> )	
	m_Opacity ( <a href="#">see page 13</a> )	
	m_Order ( <a href="#">see page 13</a> )	
	m_RectHeight ( <a href="#">see page 14</a> )	
	m_RectWidth ( <a href="#">see page 14</a> )	
	m_RectX ( <a href="#">see page 14</a> )	
	m_RectY ( <a href="#">see page 14</a> )	
	m_Rotation ( <a href="#">see page 14</a> )	
	m_Tx ( <a href="#">see page 15</a> )	
	m_Ty ( <a href="#">see page 15</a> )	
	m_UnitCentimeter ( <a href="#">see page 15</a> )	
	m_UnitInch ( <a href="#">see page 15</a> )	
	m_UnitMillimeter ( <a href="#">see page 15</a> )	
	m_UnitPixel ( <a href="#">see page 16</a> )	
	m_UnitPoint ( <a href="#">see page 16</a> )	
	m_UnitRelative ( <a href="#">see page 16</a> )	
	m_UnitRelativeHeight ( <a href="#">see page 16</a> )	
	m_UnitRelativeMax ( <a href="#">see page 16</a> )	
	m_UnitRelativeMin ( <a href="#">see page 17</a> )	
	m_UnitRelativeWidth ( <a href="#">see page 17</a> )	

**ArtboardObject Methods**

	Name	Description
	percentage ( <a href="#">see page 17</a> )	
	value ( <a href="#">see page 17</a> )	

**ArtboardText Class**

	Name	Description
	fontFamily ( <a href="#">see page 23</a> )	
	fontLineHeight ( <a href="#">see page 23</a> )	
	fontSize ( <a href="#">see page 24</a> )	
	rawText ( <a href="#">see page 24</a> )	

**ArtboardObject Nested Types**





Name	Description
UNIT ( <a href="#">see page 18</a> )	

**ArtboardObject Methods**

	Name	Description
	percentage ( <a href="#">see page 17</a> )	

	value ( <a href="#">see page 17</a> )	
---	---------------------------------------	--

**ArtboardText Class**

	Name	Description
	fontFamily ( <a href="#">see page 23</a> )	
	fontLineHeight ( <a href="#">see page 23</a> )	
	fontSize ( <a href="#">see page 24</a> )	
	rawText ( <a href="#">see page 24</a> )	

**ArtboardObject Nested Types**

Name	Description
UNIT ( <a href="#">see page 18</a> )	

**Context**

DefaultNamespace

**Method**

ArtboardText

**Class**

ArtboardText

## 1.1.1.5.1 ArtboardText Methods

### 1.1.1.5.1.1 ArtboardText::fontFamily Method

**Body Source**

```

1: QString fontFamily() const
2: {
3:     return m_FontFamily;
4: }

```

**C++**

```
QString fontFamily() const;
```

**Description**

This is fontFamily, a member of class ArtboardText.

**Class**

ArtboardText Class ([see page 20](#))

### 1.1.1.5.1.2 ArtboardText::fontLineHeight Method

**Body Source**

```

1: QString fontLineHeight() const
2: {
3:     return m_FontLineHeight;
4: }

```

**C++**

```
QString fontLineHeight() const;
```

**Description**

This is fontLineHeight, a member of class ArtboardText.

**Class**

ArtboardText Class ([see page 20](#))

### 1.1.1.5.1.3 ArtboardText::fontSize Method

#### Body Source

```
1: QString fontSize() const
2: {
3:     return m_FontSize;
4: }
```

#### C++

```
QString fontSize() const;
```

#### Description

This is fontSize, a member of class ArtboardText.

#### Class

ArtboardText Class ([↗](#) see page 20)

### 1.1.1.5.1.4 ArtboardText::rawText Method

#### Body Source

```
1: QString rawText() const
2: {
3:     return m_RawText;
4: }
```

#### C++

```
QString rawText() const;
```

#### Description

This is rawText, a member of class ArtboardText.

#### Class

ArtboardText Class ([↗](#) see page 20)

## 1.2 Classes

The following table lists classes in this documentation.

#### Classes

	Name	Description
	CoreMail ( <a href="#">↗</a> see page 24)	
	SmtplibClient ( <a href="#">↗</a> see page 25)	

#### Legend

	Class
---	-------

### 1.2.1 CoreMail Class

#### Author

Tobias Post

**Company**

NOTIONCUBE Software GmbH

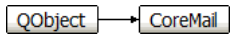
**Date**

26.01.2018

**C++**

```
class CoreMail : public QObject;
```

**Inheritance**



**Group**

Classes (see page 24)

**Context**

Tools.Smtplib

**Method**

CoreMail

**Class**

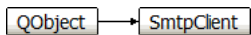
CoreMail

# 1.2.2 Smtplib Class

**C++**

```
class Smtplib : public QObject;
```

**Inheritance**



**Description**





This is class Smtplib.

**Smtplib Classes**

	Name	Description
	ResponseTimeoutException (see page 27)	
	SendMessageTimeoutException (see page 27)	

**Smtplib Data Members**





	Name	Description
	authMethod (see page 27)	
	connectionTimeout (see page 28)	
	connectionType (see page 28)	
	host (see page 28)	
	name (see page 28)	
	password (see page 28)	
	port (see page 29)	
	responseCode (see page 29)	
	responseText (see page 29)	

	responseTimeout ( <a href="#">see page 29</a> )	
	sendMessageTimeout ( <a href="#">see page 29</a> )	
	socket ( <a href="#">see page 30</a> )	
	user ( <a href="#">see page 30</a> )	

**Group**



Classes ([see page 24](#))

**Legend**














	Class
	Data Member
	protected
	Method

**Members**







**Smtplib Classes**

	Name	Description
	ResponseTimeoutException ( <a href="#">see page 27</a> )	
	SendMessageTimeoutException ( <a href="#">see page 27</a> )	




**Smtplib Data Members**




	Name	Description
	authMethod ( <a href="#">see page 27</a> )	
	connectionTimeout ( <a href="#">see page 28</a> )	
	connectionType ( <a href="#">see page 28</a> )	
	host ( <a href="#">see page 28</a> )	
	name ( <a href="#">see page 28</a> )	
	password ( <a href="#">see page 28</a> )	
	port ( <a href="#">see page 29</a> )	
	responseCode ( <a href="#">see page 29</a> )	
	responseText ( <a href="#">see page 29</a> )	
	responseTimeout ( <a href="#">see page 29</a> )	
	sendMessageTimeout ( <a href="#">see page 29</a> )	
	socket ( <a href="#">see page 30</a> )	
	user ( <a href="#">see page 30</a> )	

**Smtplib Methods**

	Name	Description
	sendMessage ( <a href="#">see page 30</a> )	
	smtpError ( <a href="#">see page 30</a> )	
	socketError ( <a href="#">see page 31</a> )	
	socketReadyRead ( <a href="#">see page 31</a> )	
	socketStateChanged ( <a href="#">see page 31</a> )	
	waitForResponse ( <a href="#">see page 31</a> )	

**Smtplib Methods**

	Name	Description
	sendMessage ( <a href="#">see page 30</a> )	
	smtpError ( <a href="#">see page 30</a> )	
	socketError ( <a href="#">see page 31</a> )	

	socketReadyRead ( <a href="#">see page 31</a> )	
	socketStateChanged ( <a href="#">see page 31</a> )	
	waitForResponse ( <a href="#">see page 31</a> )	

## 1.2.2.1 SmtpClient Classes

### 1.2.2.1.1 SmtpClient::ResponseTimeoutException Class

C++

```
class ResponseTimeoutException;
```

Inheritance

[ResponseTimeoutException](#)

Description

This is class SmtpClient::ResponseTimeoutException.

Class

SmtpClient Class ([see page 25](#))

### 1.2.2.1.2 SmtpClient::SendMessageTimeoutException Class

C++

```
class SendMessageTimeoutException;
```

Inheritance

[SendMessageTimeoutException](#)

Description

This is class SmtpClient::SendMessageTimeoutException.

Class

SmtpClient Class ([see page 25](#))

## 1.2.2.2 SmtpClient Data Members

### 1.2.2.2.1 SmtpClient::authMethod Data Member

C++

```
AuthMethod authMethod;
```

Description

This is authMethod, a member of class SmtpClient.

Class

SmtpClient Class ([see page 25](#))



### 1.2.2.2.2 SmtpClient::connectionTimeout Data Member

**C++**

```
int connectionTimeout;
```

**Description**

This is connectionTimeout, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.3 SmtpClient::connectionType Data Member

**C++**

```
ConnectionType connectionType;
```

**Description**

This is connectionType, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.4 SmtpClient::host Data Member

**C++**

```
QString host;
```

**Description**

This is host, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.5 SmtpClient::name Data Member

**C++**

```
QString name;
```

**Description**

This is name, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.6 SmtpClient::password Data Member

**C++**

```
QString password;
```

**Description**

This is password, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.7 SmtpClient::port Data Member

**C++**

```
int port;
```

**Description**

This is port, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.8 SmtpClient::responseCode Data Member

**C++**

```
int responseCode;
```

**Description**

This is responseCode, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.9 SmtpClient::responseText Data Member

**C++**

```
QString responseText;
```

**Description**

This is responseText, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.10 SmtpClient::responseTimeout Data Member

**C++**

```
int responseTimeout;
```

**Description**

This is responseTimeout, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.11 SmtpClient::sendMessageTimeout Data Member

**C++**

```
int sendMessageTimeout;
```

**Description**

This is sendMessageTimeout, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.2.12 SmtpClient::socket Data Member

#### C++

```
QTcpSocket * socket;
```

#### Description

4] Protected members

#### Class

SmtpClient Class (📄 see page 25)

### 1.2.2.2.13 SmtpClient::user Data Member

#### C++

```
QString user;
```

#### Description

This is user, a member of class SmtpClient.

#### Class

SmtpClient Class (📄 see page 25)

## 1.2.2.3 SmtpClient Methods

### 1.2.2.3.1 SmtpClient::sendMessage Method

#### Body Source

```
1: void SmtpClient::sendMessage(const QString &text)
2: {
3:     socket->write(text.toUtf8() + "\r\n");
4:     if (! socket->waitForBytesWritten(sendMessageTimeout))
5:     {
6:         emit smtpError(SendDataTimeoutError);
7:         throw SendMessageTimeoutException();
8:     }
9: }
```

#### C++

```
void sendMessage(const QString &text);
```

#### Description

This is sendMessage, a member of class SmtpClient.

#### Class

SmtpClient Class (📄 see page 25)

### 1.2.2.3.2 SmtpClient::smtpError Method

#### C++

```
signals void smtpError(SmtpClient::SmtpError e);
```

#### Description

6]

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.3.3 SmtpClient::socketError Method

**Body Source**

```
1: void SmtpClient::socketError(QAbstractSocket::SocketError /*socketError*/)
2: {
3: }
```

**C++**

```
void socketError(QAbstractSocket::SocketError error);
```

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.3.4 SmtpClient::socketReadyRead Method

**Body Source**

```
1: void SmtpClient::socketReadyRead()
2: {
3: }
```

**C++**

```
void socketReadyRead();
```

**Description**

This is socketReadyRead, a member of class SmtpClient.

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.3.5 SmtpClient::socketStateChanged Method

**Body Source**

```
1: void SmtpClient::socketStateChanged(QAbstractSocket::SocketState /*state*/)
2: {
3: }
```

**C++**

```
void socketStateChanged(QAbstractSocket::SocketState state);
```

**Description**

5]

5] Slots for the socket ([see page 30](#))'s signals

**Class**

SmtpClient Class ([see page 25](#))

### 1.2.2.3.6 SmtpClient::waitForResponse Method

**Body Source**

```
1: void SmtpClient::waitForResponse()
2: {
3:     do {
4:         if (!socket->waitForReadyRead(responseTimeout))
```

```

5:         {
6:             emit smtpError(ResponseTimeoutError);
7:             throw ResponseTimeoutException();
8:         }
9:
10:        while (socket->canReadLine()) {
11:            // Save the server's response
12:            responseText = socket->readLine();
13:
14:            // Extract the response code from the server's response (first 3 digits)
15:            responseCode = responseText.left(3).toInt();
16:
17:            if (responseCode / 100 == 4)
18:                emit smtpError(ServerError);
19:
20:            if (responseCode / 100 == 5)
21:                emit smtpError(ClientError);
22:
23:            if (responseText[3] == ' ') { return; }
24:        }
25:    } while (true);
26: }
    
```

**C++**

```
void waitForResponse();
```

**Description**

5] Protected methods

4] Protected methods

**Class**

SmtplibClient Class ([see page 25](#))


# 1.3 Functions

The following table lists functions in this documentation.

**Functions**

	Name	Description
≡◆	AdobeXDReader::m_ReaderCache ( <a href="#">see page 33</a> )	
≡◆	ArtboardObject::m_UnitCentimeter ( <a href="#">see page 33</a> )	
≡◆	ArtboardObject::m_UnitInch ( <a href="#">see page 33</a> )	
≡◆	ArtboardObject::m_UnitMillimeter ( <a href="#">see page 33</a> )	
≡◆	ArtboardObject::m_UnitPixel ( <a href="#">see page 34</a> )	
≡◆	ArtboardObject::m_UnitPoint ( <a href="#">see page 34</a> )	
≡◆	ArtboardObject::m_UnitRelative ( <a href="#">see page 34</a> )	
≡◆	ArtboardObject::m_UnitRelativeHeight ( <a href="#">see page 34</a> )	
≡◆	ArtboardObject::m_UnitRelativeMax ( <a href="#">see page 35</a> )	
≡◆	ArtboardObject::m_UnitRelativeMin ( <a href="#">see page 35</a> )	
≡◆	ArtboardObject::m_UnitRelativeWidth ( <a href="#">see page 35</a> )	

**Legend**

	Method
---	--------

---

## 1.3.1 AdobeXDReader::m\_ReaderCache Function

**C++**

```
QCache<QString, AdobeXDReader> AdobeXDReader::m_ReaderCache(1000);
```

**Description**

This is function AdobeXDReader::m\_ReaderCache.

**Group**

Functions ([see page 32](#))

---

## 1.3.2 ArtboardObject::m\_UnitCentimeter Function

**C++**

```
QString ArtboardObject::m_UnitCentimeter("cm");
```

**Description**

This is function ArtboardObject::m\_UnitCentimeter.

**Group**

Functions ([see page 32](#))

---

## 1.3.3 ArtboardObject::m\_UnitInch Function

**C++**

```
QString ArtboardObject::m_UnitInch("in");
```

**Description**

This is function ArtboardObject::m\_UnitInch.

**Group**

Functions ([see page 32](#))

---

## 1.3.4 ArtboardObject::m\_UnitMillimeter Function

**C++**

```
QString ArtboardObject::m_UnitMillimeter("mm");
```

**Description**

This is function ArtboardObject::m\_UnitMillimeter.

**Group**

Functions ([see page 32](#))

---

## 1.3.5 ArtboardObject::m\_UnitPixel Function

**C++**

```
QString ArtboardObject::m_UnitPixel( "px" );
```

**Description**

This is function ArtboardObject::m\_UnitPixel.

**Group**

Functions ([see page 32](#))

---

## 1.3.6 ArtboardObject::m\_UnitPoint Function

**C++**

```
QString ArtboardObject::m_UnitPoint( "pt" );
```

**Description**

This is function ArtboardObject::m\_UnitPoint.

**Group**

Functions ([see page 32](#))

---

## 1.3.7 ArtboardObject::m\_UnitRelative Function

**C++**

```
QString ArtboardObject::m_UnitRelative( "%" );
```

**Description**

This is function ArtboardObject::m\_UnitRelative.

**Group**

Functions ([see page 32](#))

---

## 1.3.8 ArtboardObject::m\_UnitRelativeHeight Function

**C++**

```
QString ArtboardObject::m_UnitRelativeHeight( "vh" );
```

**Description**

This is function ArtboardObject::m\_UnitRelativeHeight.

**Group**

Functions ([see page 32](#))

## 1.3.9 ArtboardObject::m\_UnitRelativeMax Function

### C++

```
QString ArtboardObject::m_UnitRelativeMax( "vmax" );
```

### Description

This is function ArtboardObject::m\_UnitRelativeMax.

### Group

Functions ([↗](#) see page 32)

## 1.3.10 ArtboardObject::m\_UnitRelativeMin Function

### C++

```
QString ArtboardObject::m_UnitRelativeMin( "vmin" );
```

### Description

This is function ArtboardObject::m\_UnitRelativeMin.

### Group

Functions ([↗](#) see page 32)

## 1.3.11 ArtboardObject::m\_UnitRelativeWidth Function

### C++

```
QString ArtboardObject::m_UnitRelativeWidth( "vw" );
```

### Description

This is function ArtboardObject::m\_UnitRelativeWidth.

### Group

Functions ([↗](#) see page 32)

# 1.4 Variables

The following table lists variables in this documentation.

### Variables

Name	Description
AdobeXDReader::m_EmptyArray ( <a href="#">↗</a> see page 36)	
AdobeXDReader::m_EmptyJson ( <a href="#">↗</a> see page 36)	
AdobeXDReader::m_EmptyString ( <a href="#">↗</a> see page 36)	
AdobeXDReader::m_ImageWebPath ( <a href="#">↗</a> see page 37)	
AdobeXDReader::m_ReaderTimeStamp ( <a href="#">↗</a> see page 37)	



AdobeXDReader::m_ServerPath ( <a href="#">↗</a> see page 37)	
CoreMail::m_GlobalHost ( <a href="#">↗</a> see page 37)	
CoreMail::m_GlobalMail ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalMailName ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalName ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalPassword ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalPort ( <a href="#">↗</a> see page 39)	
CoreMail::m_GlobalUser ( <a href="#">↗</a> see page 39)	

---

## 1.4.1 AdobeXDReader::m\_EmptyArray Variable

### C++

```
QByteArray AdobeXDReader::m_EmptyArray;
```

### Description

This is variable AdobeXDReader::m\_EmptyArray.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.2 AdobeXDReader::m\_EmptyJson Variable

### C++

```
QJsonDocument AdobeXDReader::m_EmptyJson;
```

### Description

This is variable AdobeXDReader::m\_EmptyJson.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.3 AdobeXDReader::m\_EmptyString Variable

### C++

```
QString AdobeXDReader::m_EmptyString;
```

### Description

This is variable AdobeXDReader::m\_EmptyString.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.4 AdobeXDReader::m\_ImageWebPath Variable

**C++**

```
QString AdobeXDReader::m_ImageWebPath;
```

**Description**

This is variable AdobeXDReader::m\_ImageWebPath.

**Group**

Variables ([🔗](#) see page 35)

---

## 1.4.5 AdobeXDReader::m\_ReaderTimeStamp Variable

**C++**

```
QMap<QString, QDateTime> AdobeXDReader::m_ReaderTimeStamp;
```

**Description**

This is variable AdobeXDReader::m\_ReaderTimeStamp.

**Group**

Variables ([🔗](#) see page 35)

---

## 1.4.6 AdobeXDReader::m\_ServerPath Variable

**C++**

```
QString AdobeXDReader::m_ServerPath;
```

**Description**

This is variable AdobeXDReader::m\_ServerPath.

**Group**

Variables ([🔗](#) see page 35)

---

## 1.4.7 CoreMail::m\_GlobalHost Variable

**C++**

```
QString CoreMail::m_GlobalHost;
```

**Description**

This is variable CoreMail::m\_GlobalHost.

**Group**

Variables ([🔗](#) see page 35)

## 1.4.8 CoreMail::m\_GlobalMail Variable

### C++

```
QString CoreMail::m_GlobalMail;
```

### Description

This is variable CoreMail::m\_GlobalMail.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.9 CoreMail::m\_GlobalMailName Variable

### C++

```
QString CoreMail::m_GlobalMailName;
```

### Description

This is variable CoreMail::m\_GlobalMailName.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.10 CoreMail::m\_GlobalName Variable

### C++

```
QString CoreMail::m_GlobalName;
```

### Description

This is variable CoreMail::m\_GlobalName.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.11 CoreMail::m\_GlobalPassword Variable

### C++

```
QString CoreMail::m_GlobalPassword;
```

### Description

This is variable CoreMail::m\_GlobalPassword.

### Group

Variables ([↗](#) see page 35)

---

## 1.4.12 CoreMail::m\_GlobalPort Variable

### C++

```
qint32 CoreMail::m_GlobalPort = 465;
```

### Description

This is variable CoreMail::m\_GlobalPort.

### Group

Variables ([↗](#) see page 35)

## 1.4.13 CoreMail::m\_GlobalUser Variable

### C++

```
QString CoreMail::m_GlobalUser;
```

### Description

This is variable CoreMail::m\_GlobalUser.

### Group

Variables ([↗](#) see page 35)

# 1.5 Macros

The following table lists macros in this documentation.

### Macros

Name	Description
NCCORETOOLS_EXPORT ( <a href="#">↗</a> see page 39)	

## 1.5.1 NCCORETOOLS\_EXPORT Macro

### C++

```
#define NCCORETOOLS_EXPORT
```

### Description

This is macro NCCORETOOLS\_EXPORT.

### Group

Macros ([↗](#) see page 39)

## 1.6 Files

The following table lists files in this documentation.


### Files

Name	Description
AdobeXDReader.cpp ( <a href="#">see page 40</a> )	
AdobeXDReader.h ( <a href="#">see page 41</a> )	
Artboard.cpp ( <a href="#">see page 41</a> )	
Artboard.h ( <a href="#">see page 41</a> )	
ArtboardObject.cpp ( <a href="#">see page 41</a> )	
ArtboardObject.h ( <a href="#">see page 42</a> )	
ArtboardShape.cpp ( <a href="#">see page 42</a> )	
ArtboardShape.h ( <a href="#">see page 42</a> )	
ArtboardText.cpp ( <a href="#">see page 42</a> )	
ArtboardText.h ( <a href="#">see page 43</a> )	
CoreMail.cpp ( <a href="#">see page 43</a> )	
CoreMail.h ( <a href="#">see page 43</a> )	
CoreToolsGlobal.h ( <a href="#">see page 44</a> )	
smtpclient.cpp ( <a href="#">see page 44</a> )	
smtpclient.h ( <a href="#">see page 44</a> )	

### 1.6.1 AdobeXDReader.cpp

This is file AdobeXDReader.cpp.


#### Functions

	Name	Description
	AdobeXDReader::m_ReaderCache ( <a href="#">see page 33</a> )	

#### Group

Files ([see page 40](#))

#### Legend

	Method
---	--------

#### Variables

Name	Description
AdobeXDReader::m_EmptyArray ( <a href="#">see page 36</a> )	
AdobeXDReader::m_EmptyJson ( <a href="#">see page 36</a> )	
AdobeXDReader::m_EmptyString ( <a href="#">see page 36</a> )	
AdobeXDReader::m_ImageWebPath ( <a href="#">see page 37</a> )	
AdobeXDReader::m_ReaderTimeStamp ( <a href="#">see page 37</a> )	
AdobeXDReader::m_ServerPath ( <a href="#">see page 37</a> )	

## 1.6.2 AdobeXDReader.h

This is file AdobeXDReader.h.

### Group

Files ([↗](#) see page 40)

### Namespaces

Name	Description
AdobeXD ( <a href="#">↗</a> see page 1)	

## 1.6.3 Artboard.cpp

This is file Artboard.cpp.

### Group

Files ([↗](#) see page 40)

## 1.6.4 Artboard.h

This is file Artboard.h.

### Group

Files ([↗](#) see page 40)

### Namespaces




Name	Description
AdobeXD ( <a href="#">↗</a> see page 1)	

## 1.6.5 ArtboardObject.cpp

This is file ArtboardObject.cpp.

### Functions

	Name	Description
≡◆	ArtboardObject::m_UnitCentimeter ( <a href="#">↗</a> see page 33)	
≡◆	ArtboardObject::m_UnitInch ( <a href="#">↗</a> see page 33)	
≡◆	ArtboardObject::m_UnitMillimeter ( <a href="#">↗</a> see page 33)	
≡◆	ArtboardObject::m_UnitPixel ( <a href="#">↗</a> see page 34)	
≡◆	ArtboardObject::m_UnitPoint ( <a href="#">↗</a> see page 34)	
≡◆	ArtboardObject::m_UnitRelative ( <a href="#">↗</a> see page 34)	
≡◆	ArtboardObject::m_UnitRelativeHeight ( <a href="#">↗</a> see page 34)	

	ArtboardObject::m_UnitRelativeMax ( <a href="#">↗</a> see page 35)	
	ArtboardObject::m_UnitRelativeMin ( <a href="#">↗</a> see page 35)	
	ArtboardObject::m_UnitRelativeWidth ( <a href="#">↗</a> see page 35)	

**Group**Files ([↗](#) see page 40)**Legend**

	Method
---	--------

## 1.6.6 ArtboardObject.h

This is file ArtboardObject.h.

**Group**Files ([↗](#) see page 40)**Namespaces**

Name	Description
AdobeXD ( <a href="#">↗</a> see page 1)	

## 1.6.7 ArtboardShape.cpp

This is file ArtboardShape.cpp.

**Group**Files ([↗](#) see page 40)

## 1.6.8 ArtboardShape.h

This is file ArtboardShape.h.

**Group**Files ([↗](#) see page 40)**Namespaces**

Name	Description
AdobeXD ( <a href="#">↗</a> see page 1)	

## 1.6.9 ArtboardText.cpp

This is file ArtboardText.cpp.

**Group**Files ([↗](#) see page 40)

## 1.6.10 ArtboardText.h

This is file ArtboardText.h.

**Group**Files ([↗](#) see page 40)**Namespaces**

Name	Description
AdobeXD ( <a href="#">↗</a> see page 1)	

## 1.6.11 CoreMail.cpp

This is file CoreMail.cpp.

**Group**Files ([↗](#) see page 40)**Variables**

Name	Description
CoreMail::m_GlobalHost ( <a href="#">↗</a> see page 37)	
CoreMail::m_GlobalMail ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalMailName ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalName ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalPassword ( <a href="#">↗</a> see page 38)	
CoreMail::m_GlobalPort ( <a href="#">↗</a> see page 39)	
CoreMail::m_GlobalUser ( <a href="#">↗</a> see page 39)	


## 1.6.12 CoreMail.h

This is file CoreMail.h.

**Classes**

	Name	Description
	CoreMail ( <a href="#">↗</a> see page 24)	

**Group**Files ([↗](#) see page 40)**Legend**

	Class
---	-------



## 1.6.13 CoreToolsGlobal.h

This is file CoreToolsGlobal.h.

### Group

Files ([↗](#) see page 40)

### Macros

Name	Description
NCCORETOOLS_EXPORT ( <a href="#">↗</a> see page 39)	

## 1.6.14 smtpclient.cpp

Copyright (c) 2011-2012 - Tokés Attila

This file is part of SmtplibClient ([↗](#) see page 25) for Qt.

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

See the LICENSE file for more details.

### Group

Files ([↗](#) see page 40)

## 1.6.15 smtpclient.h

Copyright (c) 2011-2012 - Tokés Attila

This file is part of SmtplibClient ([↗](#) see page 25) for Qt.

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

See the LICENSE file for more details.


### Classes

	Name	Description
	SmtplibClient ( <a href="#">↗</a> see page 25)	

### Group

Files ([↗](#) see page 40)

**Legend**

	Class
---	-------

# Index

## A

- AdobeXD 1
- AdobeXD namespace 1
  - Classes 1
- AdobeXD::AdobeXDReader 1
- AdobeXD::Artboard 2
- AdobeXD::Artboard::columnSpacing 3
- AdobeXD::Artboard::columns 4
- AdobeXD::Artboard::defaultLayoutWidth 4
- AdobeXD::Artboard::gutter 4
- AdobeXD::Artboard::height 5
- AdobeXD::Artboard::id 5
- AdobeXD::Artboard::marginBottom 5
- AdobeXD::Artboard::marginLeft 5
- AdobeXD::Artboard::marginRight 6
- AdobeXD::Artboard::marginTop 6
- AdobeXD::Artboard::name 6
- AdobeXD::Artboard::search 7
- AdobeXD::Artboard::shapes 7
- AdobeXD::Artboard::texts 7
- AdobeXD::Artboard::width 8
- AdobeXD::Artboard::x 8
- AdobeXD::Artboard::y 8
- AdobeXD::ArtboardObject 8
- AdobeXD::ArtboardObject::UNIT 18
- AdobeXD::ArtboardObject::m\_ConstraintBottom 11
- AdobeXD::ArtboardObject::m\_ConstraintHeight 11
- AdobeXD::ArtboardObject::m\_ConstraintLeft 11
- AdobeXD::ArtboardObject::m\_ConstraintRight 11
- AdobeXD::ArtboardObject::m\_ConstraintTop 12
- AdobeXD::ArtboardObject::m\_ConstraintWidth 12
- AdobeXD::ArtboardObject::m\_Fill 12
- AdobeXD::ArtboardObject::m\_FillAlpha 12
- AdobeXD::ArtboardObject::m\_FillB 12
- AdobeXD::ArtboardObject::m\_FillG 13
- AdobeXD::ArtboardObject::m\_FillR 13
- AdobeXD::ArtboardObject::m\_Name 13
- AdobeXD::ArtboardObject::m\_Opacity 13
- AdobeXD::ArtboardObject::m\_Order 13
- AdobeXD::ArtboardObject::m\_RectHeight 14
- AdobeXD::ArtboardObject::m\_RectWidth 14
- AdobeXD::ArtboardObject::m\_RectX 14
- AdobeXD::ArtboardObject::m\_RectY 14
- AdobeXD::ArtboardObject::m\_Rotation 14
- AdobeXD::ArtboardObject::m\_Tx 15
- AdobeXD::ArtboardObject::m\_Ty 15
- AdobeXD::ArtboardObject::m\_UnitCentimeter 15
- AdobeXD::ArtboardObject::m\_UnitInch 15
- AdobeXD::ArtboardObject::m\_UnitMillimeter 15
- AdobeXD::ArtboardObject::m\_UnitPixel 16
- AdobeXD::ArtboardObject::m\_UnitPoint 16
- AdobeXD::ArtboardObject::m\_UnitRelative 16
- AdobeXD::ArtboardObject::m\_UnitRelativeHeight 16
- AdobeXD::ArtboardObject::m\_UnitRelativeMax 16
- AdobeXD::ArtboardObject::m\_UnitRelativeMin 17
- AdobeXD::ArtboardObject::m\_UnitRelativeWidth 17
- AdobeXD::ArtboardObject::percentage 17
- AdobeXD::ArtboardObject::value 17
- AdobeXD::ArtboardShape 18
- AdobeXD::ArtboardText 20
- AdobeXD::ArtboardText::fontFamily 23
- AdobeXD::ArtboardText::fontLineHeight 23
- AdobeXD::ArtboardText::fontSize 24
- AdobeXD::ArtboardText::rawText 24
- AdobeXDReader class 1
  - about AdobeXDReader class 1
- AdobeXDReader.cpp 40
- AdobeXDReader.h 41
- AdobeXDReader::m\_EmptyArray 36
- AdobeXDReader::m\_EmptyArray variable 36
- AdobeXDReader::m\_EmptyJson 36
- AdobeXDReader::m\_EmptyJson variable 36
- AdobeXDReader::m\_EmptyString 36
- AdobeXDReader::m\_EmptyString variable 36
- AdobeXDReader::m\_ImageWebPath 37
- AdobeXDReader::m\_ImageWebPath variable 37
- AdobeXDReader::m\_ReaderCache 33
- AdobeXDReader::m\_ReaderCache function 33
- AdobeXDReader::m\_ReaderTimeStamp 37
- AdobeXDReader::m\_ReaderTimeStamp variable 37
- AdobeXDReader::m\_ServerPath 37

---

AdobeXDReader::m\_ServerPath variable 37

Artboard class 2

- about Artboard class 2
- columnSpacing 3
- columns 4
- defaultLayoutWidth 4
- gutter 4
- height 5
- id 5
- marginBottom 5
- marginLeft 5
- marginRight 6
- marginTop 6
- name 6
- search 7
- shapes 7
- texts 7
- width 8
- x 8
- y 8

Artboard.cpp 41

Artboard.h 41

ArtboardObject class 8

- UNIT 18
- about ArtboardObject class 8
- m\_ConstraintBottom 11
- m\_ConstraintHeight 11
- m\_ConstraintLeft 11
- m\_ConstraintRight 11
- m\_ConstraintTop 12
- m\_ConstraintWidth 12
- m\_Fill 12
- m\_FillAlpha 12
- m\_FillB 12
- m\_FillG 13
- m\_FillR 13
- m\_Name 13
- m\_Opacity 13
- m\_Order 13
- m\_RectHeight 14
- m\_RectWidth 14
- m\_RectX 14
- m\_RectY 14
- m\_Rotation 14
- m\_Tx 15
- m\_Ty 15
- m\_UnitCentimeter 15
- m\_UnitInch 15
- m\_UnitMillimeter 15
- m\_UnitPixel 16
- m\_UnitPoint 16
- m\_UnitRelative 16
- m\_UnitRelativeHeight 16
- m\_UnitRelativeMax 16
- m\_UnitRelativeMin 17
- m\_UnitRelativeWidth 17
- percentage 17
- value 17

ArtboardObject.cpp 41

ArtboardObject.h 42

ArtboardObject::m\_UnitCentimeter 33

ArtboardObject::m\_UnitCentimeter function 33

ArtboardObject::m\_UnitInch 33

ArtboardObject::m\_UnitInch function 33

ArtboardObject::m\_UnitMillimeter 33

ArtboardObject::m\_UnitMillimeter function 33

ArtboardObject::m\_UnitPixel 34

ArtboardObject::m\_UnitPixel function 34

ArtboardObject::m\_UnitPoint 34

ArtboardObject::m\_UnitPoint function 34

ArtboardObject::m\_UnitRelative 34

ArtboardObject::m\_UnitRelative function 34

ArtboardObject::m\_UnitRelativeHeight 34

ArtboardObject::m\_UnitRelativeHeight function 34

ArtboardObject::m\_UnitRelativeMax 35

ArtboardObject::m\_UnitRelativeMax function 35

ArtboardObject::m\_UnitRelativeMin 35

ArtboardObject::m\_UnitRelativeMin function 35

ArtboardObject::m\_UnitRelativeWidth 35

ArtboardObject::m\_UnitRelativeWidth function 35

ArtboardShape class 18

- about ArtboardShape class 18

ArtboardShape.cpp 42

ArtboardShape.h 42

---

ArtboardText class 20

about ArtboardText class 20

fontFamily 23

fontLineHeight 23

fontSize 24

rawText 24

ArtboardText.cpp 42

ArtboardText.h 43

## C

Classes 24

CoreMail 24

CoreMail class 24

about CoreMail class 24

CoreMail.cpp 43

CoreMail.h 43

CoreMail::m\_GlobalHost 37

CoreMail::m\_GlobalHost variable 37

CoreMail::m\_GlobalMail 38

CoreMail::m\_GlobalMail variable 38

CoreMail::m\_GlobalMailName 38

CoreMail::m\_GlobalMailName variable 38

CoreMail::m\_GlobalName 38

CoreMail::m\_GlobalName variable 38

CoreMail::m\_GlobalPassword 38

CoreMail::m\_GlobalPassword variable 38

CoreMail::m\_GlobalPort 39

CoreMail::m\_GlobalPort variable 39

CoreMail::m\_GlobalUser 39

CoreMail::m\_GlobalUser variable 39

CoreToolsGlobal.h 44

## F

Files 40

Functions 32

## M

Macros 39

## N

NCCORETOOLS\_EXPORT 39

NCCORETOOLS\_EXPORT macro 39

## S

SmtpClient 25

SmtpClient class 25

about SmtpClient class 25

authMethod 27

connectionTimeout 28

connectionType 28

host 28

name 28

password 28

port 29

responseCode 29

responseText 29

responseTimeout 29

sendMessage 30

sendMessageTimeout 29

smtpError 30

socket 30

socketError 31

socketReadyRead 31

socketStateChanged 31

user 30

waitForResponse 31

SmtpClient::ResponseTimeoutException 27

SmtpClient::ResponseTimeoutException class 27

about SmtpClient::ResponseTimeoutException class 27

SmtpClient::SendMessageTimeoutException 27

SmtpClient::SendMessageTimeoutException class 27

about SmtpClient::SendMessageTimeoutException class 27

SmtpClient::authMethod 27

SmtpClient::connectionTimeout 28

SmtpClient::connectionType 28

SmtpClient::host 28

SmtpClient::name 28

SmtpClient::password 28

SmtpClient::port 29

SmtpClient::responseCode 29

SmtpClient::responseText 29

SmtpClient::responseTimeout 29

SmtpClient::sendMessage 30

SmtpClient::sendMessageTimeout 29

SmtpClient::smtpError 30

SmtpClient::socket 30

SmtpClient::socketError 31

SmtpClient::socketReadyRead 31

SmtpClient::socketStateChanged 31

SmtpClient::user 30

SmtpClient::waitForResponse 31

Variables 35

smtpclient.cpp 44

smtpclient.h 44