API Documentation

API Documentation

February 11, 2011

Contents

Contents **1**

1 Package cuon **10**
1.1 Modules . . . 10
1.2 Variables . . . 11

2 Module cuon.AI **12**
2.1 Variables . . . 12
2.2 Class AI . . . 12
2.2.1 Methods . . . 12
2.2.2 Class Variables . . . 13

3 Module cuon.Address **14**
3.1 Variables . . . 14
3.2 Class Address . . . 14
3.2.1 Methods . . . 14
3.2.2 Class Variables . . . 16

4 Module cuon.Article **17**
4.1 Variables . . . 17
4.2 Class Article . . . 17
4.2.1 Methods . . . 17
4.2.2 Class Variables . . . 18

5 Module cuon.CalendarGen **19**
5.1 Functions . . . 19
5.2 Variables . . . 19

6 Module cuon.CuonFuncs **21**
6.1 Variables . . . 21
6.2 Class CuonFuncs . . . 21
6.2.1 Methods . . . 21
6.2.2 Class Variables . . . 21

7 Module cuon.Database **22**
7.1 Variables . . . 22
7.2 Class Database . . . 22
7.2.1 Methods . . . 22

7.2.2 Class Variables . . . 25

8 Module cuon.Email **26**
8.1 Variables . . . 26
8.2 Class cuonemail . . . 26
8.2.1 Methods . . . 26
8.2.2 Class Variables . . . 27

9 Module cuon.Email2 **28**
9.1 Variables . . . 29
9.2 Class SimpleMail_Exception . . . 29
9.2.1 Methods . . . 29
9.2.2 Properties . . . 30
9.3 Class NoFromAddress_Exception . . . 30
9.3.1 Methods . . . 30
9.3.2 Properties . . . 30
9.4 Class NoToAddress_Exception . . . 31
9.4.1 Methods . . . 31
9.4.2 Properties . . . 31
9.5 Class NoSubject_Exception . . . 32
9.5.1 Methods . . . 32
9.5.2 Properties . . . 32
9.6 Class AttachmentNotFound_Exception . . . 33
9.6.1 Methods . . . 33
9.6.2 Properties . . . 33
9.7 Class Attachments . . . 34
9.7.1 Methods . . . 34
9.7.2 Properties . . . 34
9.8 Class Recipients . . . 35
9.8.1 Methods . . . 35
9.8.2 Properties . . . 36
9.9 Class CCRecipients . . . 36
9.9.1 Methods . . . 36
9.9.2 Properties . . . 37
9.10 Class BCCRecipients . . . 37
9.10.1 Methods . . . 38
9.10.2 Properties . . . 38
9.11 Class Email . . . 39
9.11.1 Methods . . . 40
9.11.2 Properties . . . 41

10 Module cuon.Finances **42**
10.1 Variables . . . 42
10.2 Class Finances . . . 42
10.2.1 Methods . . . 42
10.2.2 Class Variables . . . 44

11 Module cuon.Garden **45**
11.1 Variables . . . 45
11.2 Class Garden . . . 45
11.2.1 Methods . . . 45
11.2.2 Class Variables . . . 47

12 Module cuon.Grave **48**
12.1 Variables . . . 48
12.2 Class Grave . . . 48
12.2.1 Methods . . . 48
12.2.2 Class Variables . . . 49

13 Module cuon.Misc **50**
13.1 Variables . . . 50
13.2 Class Misc . . . 50
13.2.1 Methods . . . 50
13.2.2 Class Variables . . . 52

14 Module cuon.Order **53**
14.1 Variables . . . 53
14.2 Class Order . . . 53
14.2.1 Methods . . . 53
14.2.2 Class Variables . . . 56

15 Module cuon.Projects **57**
15.1 Variables . . . 57
15.2 Class Projects . . . 57
15.2.1 Methods . . . 57
15.2.2 Class Variables . . . 58

16 Module cuon.Report **59**
16.1 Variables . . . 59
16.2 Class Report . . . 59
16.2.1 Methods . . . 59
16.2.2 Class Variables . . . 61

17 Module cuon.ReportServer **62**
17.1 Variables . . . 62
17.2 Class ReportServer . . . 62
17.2.1 Methods . . . 62
17.2.2 Class Variables . . . 63

18 Package cuon.Reports **64**
18.1 Modules . . . 64
18.2 Variables . . . 64

19 Module cuon.Reports.MyXML **65**
19.1 Variables . . . 65
19.2 Class MyXML . . . 65
19.2.1 Methods . . . 65

20 Module cuon.Reports.report **68**
20.1 Variables . . . 68
20.2 Class report . . . 68
20.2.1 Methods . . . 68

21 Module cuon.Reports.report2_latex **71**
21.1 Variables . . . 71
21.2 Class report2 . . . 71

21.2.1 Methods . . . 71
21.2.2 Class Variables . . . 74

22 Module cuon.Reports.report_addresses_phone1 75
22.1 Variables . . . 75
22.2 Class report_addresses_phone1 . . . 75
22.2.1 Methods . . . 75

23 Module cuon.Reports.report_addresses_phone11 76
23.1 Variables . . . 76
23.2 Class report_addresses_phone11 . . . 76
23.2.1 Methods . . . 76

24 Module cuon.Reports.report_addresses_phone12 77
24.1 Variables . . . 77
24.2 Class report_addresses_phone12 . . . 77
24.2.1 Methods . . . 77

25 Module cuon.Reports.report_articles_number1 78
25.1 Variables . . . 78
25.2 Class report_articles_number1 . . . 78
25.2.1 Methods . . . 78

26 Module cuon.Reports.report_articles_pickles_standard 79
26.1 Variables . . . 79
26.2 Class report_articles_pickles_standard . . . 79
26.2.1 Methods . . . 79

27 Module cuon.Reports.report_basics 80
27.1 Variables . . . 80
27.2 Class report_basics . . . 80
27.2.1 Methods . . . 80

28 Module cuon.Reports.report_cab_monthly 81
28.1 Variables . . . 81
28.2 Class report_cab_monthly . . . 81
28.2.1 Methods . . . 81

29 Module cuon.Reports.report_grave_plant_lists 82
29.1 Variables . . . 82
29.2 Class report_grave_plant_lists . . . 82
29.2.1 Methods . . . 82

30 Module cuon.Reports.report_hibernation_incoming_document 83
30.1 Variables . . . 83
30.2 Class report_hibernation_incoming_document . . . 83
30.2.1 Methods . . . 83

31 Module cuon.Reports.report_hibernation_invoice 84
31.1 Variables . . . 84
31.2 Class report_hibernation_invoice . . . 84
31.2.1 Methods . . . 84

32 Module cuon.Reports.report_hibernation_outgoing_document **85**
32.1 Variables . . . 85
32.2 Class report_hibernation_outgoing_document . . . 85
32.2.1 Methods . . . 85

33 Module cuon.Reports.report_hibernation_pickup_document **86**
33.1 Variables . . . 86
33.2 Class report_hibernation_pickup_document . . . 86
33.2.1 Methods . . . 86

34 Module cuon.Reports.report_list_list_of_invoices **87**
34.1 Variables . . . 87
34.2 Class report_list_list_of_invoices . . . 87
34.2.1 Methods . . . 87

35 Module cuon.Reports.report_list_of_inpayment **88**
35.1 Variables . . . 88
35.2 Class report_list_of_inpayment . . . 88
35.2.1 Methods . . . 88

36 Module cuon.Reports.report_list_of_reminder **89**
36.1 Variables . . . 89
36.2 Class report_list_of_reminder . . . 89
36.2.1 Methods . . . 89

37 Module cuon.Reports.report_list_of_residue **90**
37.1 Variables . . . 90
37.2 Class report_list_of_residue . . . 90
37.2.1 Methods . . . 90

38 Module cuon.Reports.report_list_of_top **91**
38.1 Variables . . . 91
38.2 Class report_list_of_top . . . 91
38.2.1 Methods . . . 91

39 Module cuon.Reports.report_order_list_of_invoices **92**
39.1 Variables . . . 92
39.2 Class report_order_list_of_invoices . . . 92
39.2.1 Methods . . . 92

40 Module cuon.Reports.report_order_standard_invoice **93**
40.1 Variables . . . 93
40.2 Class report_order_standard_invoice . . . 93
40.2.1 Methods . . . 93

41 Module cuon.Reports.report_order_standard_supply **94**
41.1 Variables . . . 94
41.2 Class report_order_standard_supply . . . 94
41.2.1 Methods . . . 94

42 Module cuon.Reports.report_printAddress **95**
42.1 Variables . . . 95
42.2 Class report_printAddress . . . 95

42.2.1 Methods . . . 95

43 Module cuon.Reports.report_proposal_standard 96
43.1 Variables . . . 96
43.2 Class report_proposal_standard . . . 96
43.2.1 Methods . . . 96

44 Module cuon.Reports.report_stockgoods_number1 97
44.1 Variables . . . 97
44.2 Class report_stockgoods_number1 . . . 97
44.2.1 Methods . . . 97

45 Module cuon.Reports.standardlist 98
45.1 Variables . . . 98
45.2 Class standardlist . . . 98
45.2.1 Methods . . . 98

46 Module cuon.SQL 99
46.1 Variables . . . 99
46.2 Class SQL . . . 99
46.2.1 Methods . . . 99
46.2.2 Class Variables . . . 100

47 Module cuon.SVG 101
47.1 Functions . . . 101
47.2 Variables . . . 101
47.3 Class SVG . . . 101
47.3.1 Methods . . . 101
47.4 Class newSVG . . . 101
47.4.1 Methods . . . 101
47.5 Class Line . . . 102
47.5.1 Methods . . . 102
47.6 Class Circle . . . 102
47.6.1 Methods . . . 102
47.7 Class Rectangle . . . 102
47.7.1 Methods . . . 102
47.8 Class Text . . . 102
47.8.1 Methods . . . 102

48 Module cuon.Stock 103
48.1 Variables . . . 103
48.2 Class Stock . . . 103
48.2.1 Methods . . . 103
48.2.2 Class Variables . . . 104

49 Module cuon.Support 105
49.1 Variables . . . 105
49.2 Class Support . . . 105
49.2.1 Methods . . . 105
49.2.2 Class Variables . . . 106

50 Module cuon.Tweet 107
50.1 Variables . . . 107

50.2 Class Tweet . . . 107
50.2.1 Methods . . . 107
50.2.2 Class Variables . . . 108

51 Module cuon.User **109**
51.1 Variables . . . 109
51.2 Class User . . . 109
51.2.1 Methods . . . 109
51.2.2 Class Variables . . . 110

52 Module cuon.Web **111**
52.1 Variables . . . 111
52.2 Class Web . . . 111
52.2.1 Methods . . . 111
52.2.2 Class Variables . . . 112

53 Module cuon.Web2 **113**
53.1 Variables . . . 113
53.2 Class Web2 . . . 113
53.2.1 Methods . . . 113
53.2.2 Class Variables . . . 114

54 Module cuon.WebAI **115**
54.1 Variables . . . 115
54.2 Class WebAI . . . 115
54.2.1 Methods . . . 115
54.2.2 Class Variables . . . 116

55 Module cuon.WebShop **117**
55.1 Variables . . . 117
55.2 Class WebShop . . . 117
55.2.1 Methods . . . 117
55.2.2 Class Variables . . . 118

56 Module cuon.ai **119**
56.1 Variables . . . 119
56.2 Class ai . . . 119
56.2.1 Methods . . . 119
56.2.2 Class Variables . . . 119

57 Module cuon.ai_main **121**
57.1 Variables . . . 121
57.2 Class ai_main . . . 121
57.2.1 Methods . . . 121

58 Module cuon.basics **122**
58.1 Variables . . . 122
58.2 Class basics . . . 122
58.2.1 Methods . . . 122
58.2.2 Class Variables . . . 125

59 Module cuon.createWebAnalysis **126**
59.1 Variables . . . 126

60 Module cuon.gridxml **127**
60.1 Variables . . . 127
60.2 Class gridxml . . . 127
60.2.1 Methods . . . 127

61 Module cuon.iCal **128**
61.1 Variables . . . 128
61.2 Class iCal . . . 128
61.2.1 Methods . . . 128
61.2.2 Class Variables . . . 129

62 Module cuon.jabberBot **131**
62.1 Class jabberBot . . . 131
62.1.1 Methods . . . 131
62.1.2 Class Variables . . . 132

63 Module cuon.simplemail **133**
63.1 Variables . . . 134
63.2 Class SimpleMail_Exception . . . 134
63.2.1 Methods . . . 134
63.2.2 Properties . . . 135
63.3 Class NoFromAddress_Exception . . . 135
63.3.1 Methods . . . 135
63.3.2 Properties . . . 135
63.4 Class NoToAddress_Exception . . . 136
63.4.1 Methods . . . 136
63.4.2 Properties . . . 136
63.5 Class NoSubject_Exception . . . 137
63.5.1 Methods . . . 137
63.5.2 Properties . . . 137
63.6 Class AttachmentNotFound_Exception . . . 138
63.6.1 Methods . . . 138
63.6.2 Properties . . . 138
63.7 Class Attachments . . . 139
63.7.1 Methods . . . 139
63.7.2 Properties . . . 139
63.8 Class Recipients . . . 140
63.8.1 Methods . . . 140
63.8.2 Properties . . . 141
63.9 Class CCRecipients . . . 141
63.9.1 Methods . . . 141
63.9.2 Properties . . . 141
63.10 Class BCCRecipients . . . 142
63.10.1 Methods . . . 142
63.10.2 Properties . . . 142
63.11 Class Email . . . 142
63.11.1 Methods . . . 143
63.11.2 Properties . . . 144

64 Module cuon.web_root **145**
64.1 Class Image . . . 145
64.1.1 Methods . . . 145

64.2 Class WebRoots 145
64.2.1 Methods 145

Index **146**

1 Package cuon

1.1 Modules

- **AI** *(Section 2, p. 12)*
- **Address** *(Section 3, p. 14)*
- **Article** *(Section 4, p. 17)*
- **CalendarGen** *(Section 5, p. 19)*
- **CuonFuncs** *(Section 6, p. 21)*
- **Database** *(Section 7, p. 22)*
- **Email** *(Section 8, p. 26)*
- **Email2**: ********** * Description: SimpleMail ist ein Modul zum Versenden von Emails * mit und ohne Anhaengen. *(Section 9, p. 28)*
- **Finances** *(Section 10, p. 42)*
- **Garden** *(Section 11, p. 45)*
- **Grave** *(Section 12, p. 48)*
- **Misc** *(Section 13, p. 50)*
- **Order** *(Section 14, p. 53)*
- **Projects** *(Section 15, p. 57)*
- **Report** *(Section 16, p. 59)*
- **ReportServer** *(Section 17, p. 62)*
- **Reports** *(Section 18, p. 64)*
  - **MyXML** *(Section 19, p. 65)*
  - **report** *(Section 20, p. 68)*
  - **report2_latex** *(Section 21, p. 71)*
  - **report_addresses_phone1** *(Section 22, p. 75)*
  - **report_addresses_phone11** *(Section 23, p. 76)*
  - **report_addresses_phone12** *(Section 24, p. 77)*
  - **report_articles_number1** *(Section 25, p. 78)*
  - **report_articles_pickles_standard** *(Section 26, p. 79)*
  - **report_basics** *(Section 27, p. 80)*
  - **report_cab_monthly** *(Section 28, p. 81)*
  - **report_grave_plant_lists** *(Section 29, p. 82)*
  - **report_hibernation_incoming_document** *(Section 30, p. 83)*
  - **report_hibernation_invoice** *(Section 31, p. 84)*
  - **report_hibernation_outgoing_document** *(Section 32, p. 85)*
  - **report_hibernation_pickup_document** *(Section 33, p. 86)*
  - **report_list_list_of_invoices** *(Section 34, p. 87)*
  - **report_list_of_inpayment** *(Section 35, p. 88)*
  - **report_list_of_reminder** *(Section 36, p. 89)*
  - **report_list_of_residue** *(Section 37, p. 90)*
  - **report_list_of_top** *(Section 38, p. 91)*
  - **report_order_list_of_invoices** *(Section 39, p. 92)*
  - **report_order_standard_invoice** *(Section 40, p. 93)*
  - **report_order_standard_supply** *(Section 41, p. 94)*
  - **report_printAddress** *(Section 42, p. 95)*
  - **report_proposal_standard** *(Section 43, p. 96)*
  - **report_stockgoods_number1** *(Section 44, p. 97)*
  - **standardlist** *(Section 45, p. 98)*
- **SQL** *(Section 46, p. 99)*

- **SVG** *(Section 47, p. 101)*
- **Stock** *(Section 48, p. 103)*
- **Support** *(Section 49, p. 105)*
- **Tweet** *(Section 50, p. 107)*
- **User** *(Section 51, p. 109)*
- **Web** *(Section 52, p. 111)*
- **Web2** *(Section 53, p. 113)*
- **WebAI** *(Section 54, p. 115)*
- **WebShop** *(Section 55, p. 117)*
- **ai** *(Section 56, p. 119)*
- **ai_main** *(Section 57, p. 121)*
- **basics** *(Section 58, p. 122)*
- **createWebAnalysis** *(Section 59, p. 126)*
- **gridxml** *(Section 60, p. 127)*
- **iCal** *(Section 61, p. 128)*
- **jabberBot** *(Section 62, p. 131)*
- **simplemail**: ********** * Description: SimpleMail ist ein Modul zum Versenden von Emails * mit und ohne Anhaengen. *(Section 63, p. 133)*
- **web_root** *(Section 64, p. 145)*

1.2 Variables

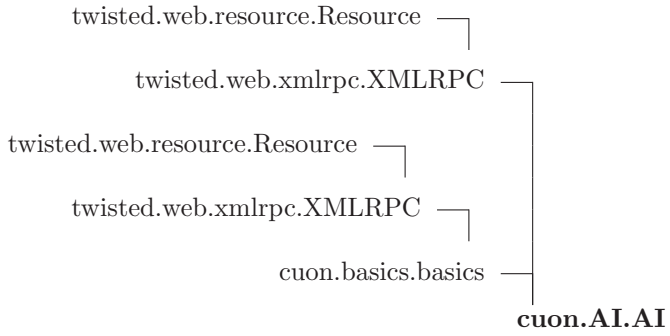
Name	Description
__package__	**Value:** `None`

2 Module cuon.AI

2.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

2.2 Class AI



2.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

sendQuestion(*self*, *question*)

xmlrpc_getAI(*self*, *question*, *dicUser*)

checkAnswer(*self*, *liAnswer*, *key*)

executeSQL(*self*, *AI_Answer*, *dicUser*)

articles(*self*, *liAnswer*, *dicUser*)

addresses(*self*, *liAnswer*, *dicUser*)

addresses_phone(*self*, *liAnswer*, *dicUser*)

insert_data(*self*, *liAnswer*, *dicUser*, *cKey*)

getTypeOfData(*self*, *cData*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

2.2.2 Class Variables

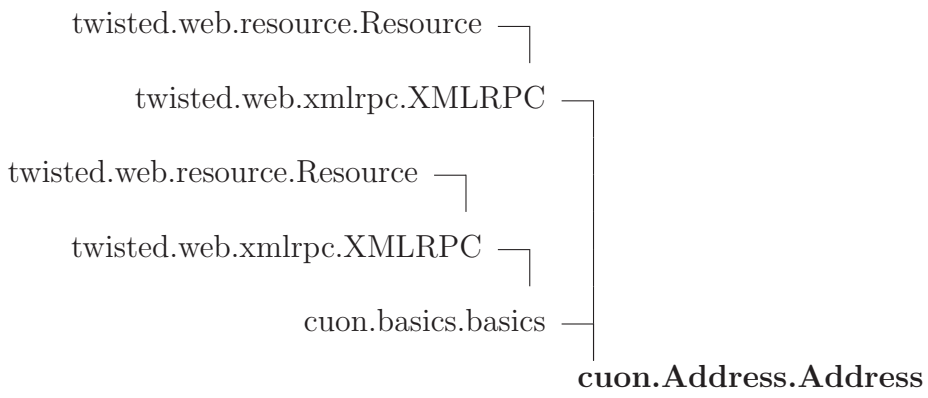
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

3 Module cuon.Address

3.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

3.2 Class Address



3.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getComboBoxEntries(*self*, *dicUser*)

xmlrpc_getAddress(*self*, *id*, *dicUser*)

xmlrpc_getAllActiveSchedulByNames(*self*, *dicUser*, *OrderType*=`'Name'`, *SelectStaff*=`'All'`)

xmlrpc_getAllActiveSchedul(*self*, *dicUser*, *OrderType*=`'Name'`, *SelectStaff*=`'All'`, *sChoice*=`'New'`, *sHash*=`'NONE'`)

xmlrpc_getAllActiveContacts(*self*, *dicUser*)

xmlrpc_getNotes(*self*, *addressid*, *dicUser*)

xmlrpc_getMisc(*self*, *addressid*, *dicUser*)

sentChangesPerMail(*self*, *sModul*, *addressID*, *dicUser*)

xmlrpc_getPartnerAddress(*self*, *id*, *dicUser*)

xmlrpc_getPartnerToAddress(*self*, *id*, *dicUser*)

getPhonelist1(*self*, *dicSearchlist*, *dicUser*)

getPhonelist11(*self*, *dicSearchlist*, *dicUser*)

getPhonelist12(*self*, *dicSearchlist*, *dicUser*)

xmlrpc_sendEmail2Address(*self*, *dicEmail*, *liAttach*, *dicUser*)

xmlrpc_getNewsletterAddresses(*self*, *NewsletterShortcut*, *dicUser*)

xmlrpc_getStatCaller(*self*, *dicUser*)

xmlrpc_getStatRep(*self*, *dicUser*)

xmlrpc_getStatSalesman(*self*, *dicUser*)

xmlrpc_getAllAddressForThisPartner(*self*, *sWhere*, *dicUser*)

xmlrpc_getButtonGrave(*self*, *dicUser*)

xmlrpc_getAddressEmailID(*self*, *sTable*, *liEmail*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(),

putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

3.2.2 Class Variables

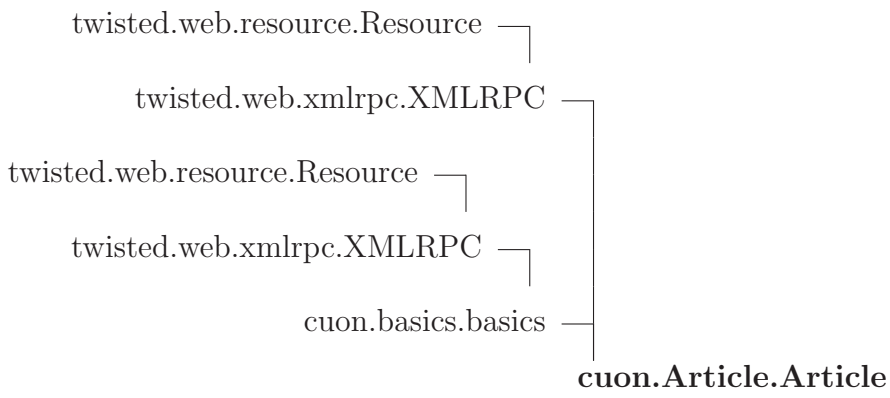
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

4 Module cuon.Article

4.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

4.2 Class Article



4.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

getArticlelist1(*self*, *dicSearchlist*, *dicUser*)

getPickleListStandard(*self*, *dicSearchlist*, *dicUser*, *nRows*)

xmlrpc_insertGoods(*self*, *stock*, *article_number*, *move*, *dicUser*)

xmlrpc_insertWebshopArticle(*self*, *dicArticle*, *dicUser*)

xmlrpc_getMaterialGroups(*self*, *dicUser*)

xmlrpc_getArticlesOfMaterialGroup(*self*, *dicUser*, *mid*)

xmlrpc_getArticlePrice(*self*, *id*, *dicUser*)

xmlrpc_getStatsMisc(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

4.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

5 Module cuon.CalendarGen

5.1 Functions

loadDays(*funs*)

drawHeader(*c*, *year*, *month*, *width*, *height*)

drawGrid(*c*, *year*, *month*, *width*, *height*)

drawCalendarPage(*c*, *year*, *month*)

usage()

run(*args*)

5.2 Variables

Name	Description
titlecolor	**Value:** `Color(0,0,0,1)`
weekdaycolor	**Value:** `Color(0,0,0,1)`
framefgcolor	**Value:** `Color(0,0,0,1)`
framebgcolor	**Value:** `Color(.529412,.807843,.980392,1)`
dayboxfgcolor	**Value:** `Color(0,0,0,1)`
dayboxbgcolor	**Value:** `Color(1,1,1,1)`
fonttable	**Value:** `[['Bitstream Vera', 'fonts/Bitstream/Vera.ttf'], ['Bitstr...`
fontmap	**Value:** `[['Bitstream Vera', 0, 0, 'Bitstream Vera'], ['Bitstream ...`
lang	**Value:** `1`
titlefont	**Value:** `'Bitstream Vera'`
titlesize	**Value:** `44`
dayfont	**Value:** `'Bitstream Vera'`
daysize	**Value:** `16`
numfont	**Value:** `'Bitstream Vera'`
numsize	**Value:** `24`
numhcorr	**Value:** `2.83464566929`
itemfont	**Value:** `'Bitstream Vera'`
itemsize	**Value:** `8`
itemwcorr	**Value:** `2.83464566929`

continued on next page

Name	Description
itemhcorr	**Value:** `-1.88976377953`
itemspacing	**Value:** `1.88976377953`
languages	**Value:** `['svSE', 'enUS', 'caES']`
months	**Value:** `[['Januari', 'Februari', 'Mars', 'April', 'Maj', 'Juni', ...`
weekdays	**Value:** `[['M\xc3\xa5ndag', 'Tisdag', 'Onsdag', 'Torsdag', 'Fredag...`
colortable	**Value:** `[{'bold': False, 'color': Color(0,0,0,1), 'italic': False...`
day_table	**Value:** `{'ae': {2005: (22, 9), 2006: (23, 9), 2007: (23, 9), 2008...`
Gregorian	**Value:** `'Gregorian'`
Julian	**Value:** `'Julian'`
POSIX	**Value:** `1`
__package__	**Value:** `'cuon'`
mxDateTimeAPI	**Value:** `<PyCObject object at 0x98c5698>`

6 Module cuon.CuonFuncs

6.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

6.2 Class CuonFuncs

twisted.web.resource.Resource
└ twisted.web.xmlrpc.XMLRPC
└ **cuon.CuonFuncs.CuonFuncs**

6.2.1 Methods

xmlrpc_test1(*self*, *f*, *s*)

Inherited from twisted.web.xmlrpc.XMLRPC

__init__(), getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

6.2.2 Class Variables

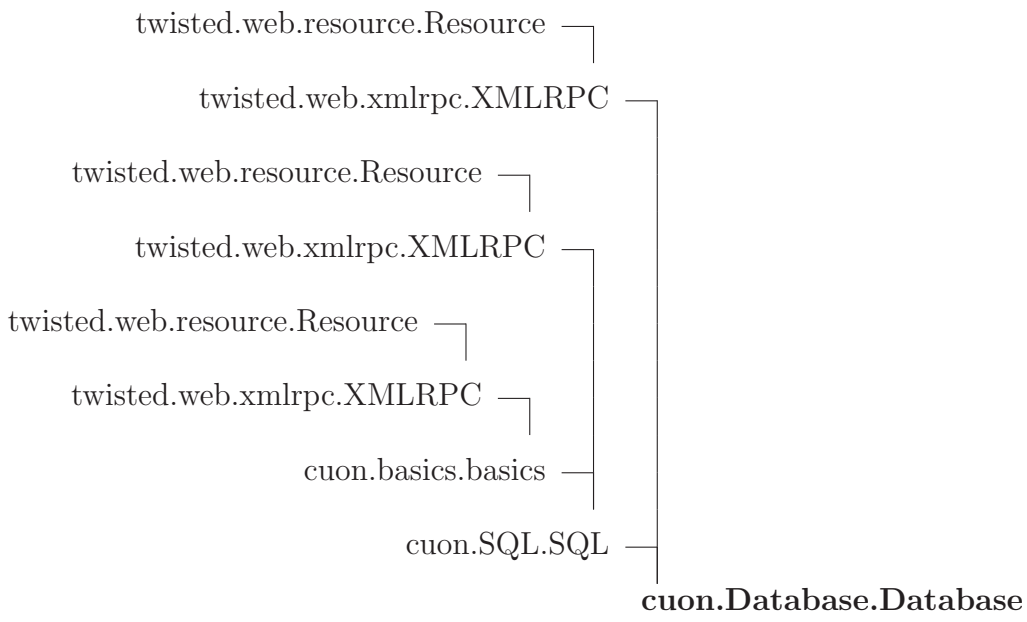
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

7 Module cuon.Database

7.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

7.2 Class Database



7.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_is_running(*self*)

getValue(*self*, *sKey*)

saveValue(*self*, *sKey*, *cKey*)

xmlrpc_createPsql(*self*, *sDatabase*, *sHost*, *sPort*, *sUser*, *sSql*)

checkUser(*self*, *sUser*, *sID*, *userType*=None)

authenticate(*self*, *name*, *password*, *request*)

xmlrpc_getLogo(*self*)

xmlrpc_createSessionID(*self*, *sUser*, *sPassword*)

getUserAcl(*self*, *sUser*)

xmlrpc_checkVersion(*self*, *VersionClient*, *version*)

testMulti(*self*, *value*)

xmlrpc_getLastVersion(*self*)

xmlrpc_getInfo(*self*, *sSearch*)

xmlrpc_saveInfo(*self*, *sKey*, *cKey*)

xmlrpc_getListOfClients(*self*, *dicUser*)

xmlrpc_checkExistSequence(*self*, *sName*, *dicUser*)

xmlrpc_checkExistTable(*self*, *sName*, *dicUser*)

xmlrpc_checkExistColumn(*self*, *sTableName*, *sColumnName*, *dicUser*)

xmlrpc_checkTypeOfColumn(*self*, *sTable*, *sColumn*, *sType*, *iSize*, *dicUser*)

xmlrpc_getSizeOfColumn(*self*, *sTable*, *sColumn*, *dicUser*)

xmlrpc_logout(*self*, *sUser*)

xmlrpc_createGroup(*self*, *sGroup*, *dicUser*)

xmlrpc_createUser(*self*, *sUser*, *sPassword*, *dicUser*, *createDBUser*=1)

xmlrpc_addGrantToGroup(*self*, *sGrants*, *sGroup*, *sTable*, *dicUser*)

xmlrpc_addUserToGroup(*self*, *sUser*, *sGroup*, *dicUser*)

xmlrpc_createCuon(*self*, *dicUser*)

saveWebshopRecord(*self*, *sNameOfTable*='EMPTY', *id*=0, *id_field*='id', *dicValues*={}, *dicUser*={})

xmlrpc_saveZipPlanet(*self*, *dicPlanet*, *dicUser*)

xmlrpc_saveZipCountry(*self*, *dicCountry*, *dicUser*)

xmlrpc_saveZipState(*self*, *dicState*, *dicUser*)

xmlrpc_saveZipCity(*self*, *dicCity*, *dicZip*, *dicUser*)

bindSql(*self*, *liFields*)

xmlrpc_getInternInformation(*self*, *dicUser*, *Pers1*=None, *Pers2*=None)

xmlrpc_checkUpdateID(*self*, *sTable*, *sField*, *liValue*, *dicUser*)

xmlrpc_updateBank(*self*, *dicUser*)

xmlrpc_getDMSRights(*self*, *sName*)

xmlrpc_getDIC_USER(*self*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.SQL.SQL(Section 46.2)

xmlrpc_createBigRow(), xmlrpc_deleteRecord(), xmlrpc_executeNormalQuery(), xml-

rpc_getListEntries(), xmlrpc_loadCompeteTable(), xmlrpc_loadRecord(), xmlrpc_saveRecord()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

7.2.2 Class Variables

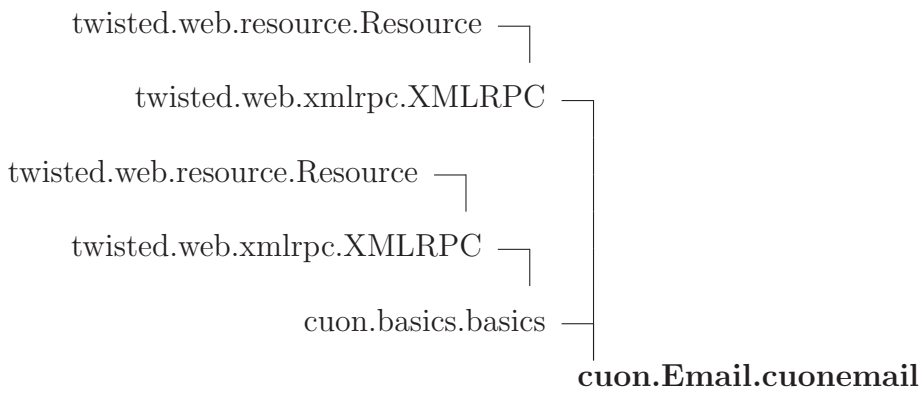
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

8 Module cuon.Email

8.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

8.2 Class cuonemail



8.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getCryptCombobox(*self*)

xmlrpc_sendTheEmail(*self*, *dicValues*, *liAttachments*, *dicUser*)

sendEmail(*self*, *dicValues*, *liAttachments*, *dicUser*)

getNewsletterEmail(*self*, *NewsletterShortcut*, *dicUser*)

replaceValues(*self*, *dicValues*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

8.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

9 Module cuon.Email2

********** * Description: SimpleMail ist ein Modul zum Versenden von Emails * mit und ohne Anhaengen. * Filename: simplemail.py * Created: 2004-10-06 Gerold * License: LGPL: http://www.opensource.org/licenses/lgpl-license.php * Requirements: Python 2.3: http://www.python.org * * Änderungen 2007 von Juergen Hamel, siehe Hinweise in der Datei * * Einfaches Beispiel: * * from simplemail import Email * Email(* from_address = "absender@domain.at", * to_address = "empfaenger@domain.at", * subject = "Betreff", * message = "Das ist der Nachrichtentext" *).send() * * 2004-03-13 Gerold * - Umlaute in den Beschreibungen ausgebessert * - Schreibweise der Kommentare wurde so umgesetzt dass auf einfache * Art und Weise eine Uebersetzung stattfinden kann. * Erklaerung: "de" steht fuer "deutsch" * "en" steht fuer "englisch" * * 2004-04-25 Gerold * - Kleine Ausbesserungen in den Beschreibungen vorgenommen * - Einfaches Beispiel in den Beschreibungstext integriert * * 2005-08-20 Gerold * - Das Versenden von Anhaengen ermoeglicht * * 2005-09-28 Gerold * - Die Rückgabe des Befehls "sendmail()" wird in das Attribut "statusdict" * der Instanz der Klasse "Email" geschrieben. So ist es jetzt auch moeglich, * beim Versenden an mehrere Emailadressen, eine exakte Rueckmeldung ueber * den Versandstatus zu erhalten. Das Format der Rueckgabe wird unter * der Url http://www.python.org/doc/current/lib/SMTP-objects.html#l2h-3493 * genau erklaert. * * Hier ein Auszug aus dieser Erklaerung: * This method will return normally if the mail is accepted for at least * one recipient. Otherwise it will throw an exception. That is, if this * method does not throw an exception, then someone should get your mail. * If this method does not throw an exception, it returns a dictionary, * with one entry for each recipient that was refused. Each entry contains * a tuple of the SMTP error code and the accompanying error message sent * by the server. * * 2005-09-29 Gerold * - Das Format der Hilfe geaendert. * - Ab jetzt wird auch der "User-Agent" im Header mitgesendet. * Jens, danke für die Idee. * * 2005-11-11 Gerold * - Fixed: Das Versenden von Emails funktioniert jetzt auch wenn man * sich am SMTP-Server mit Benutzername und Passwort anmelden muss. * ChrisSek, danke für den Hinweis. * - Es war, glaube ich, recht lästig, dass Testemails gesendet wurden, * wenn man dieses Modul ausführte. Ich habe es so geändert, dass die * Testemails nur mehr dann gesendet werden, wenn man dieses Modul mit * dem Parameter "test" aufruft. Z.B. “python simplemail.py test“ * * 2005-12-10 Gerold * - Schlampigkeitsfehler ausgebessert. Es wurde ein Fehler gemeldet, wenn * man beim Initialisieren der Klasse Email auch den Dateinamen eines * Attachments übergeben hatte. Es war ein Unterstrich zu viel, der * Entfernt wurde. * * 2006-03-22 Gerold * - Klassen fuer CC-Empfaenger und BCC-Empfaenger hinzugefuegt. * Ab jetzt können Emails auch an CC und BCC gesendet werden. * Wie das funktioniert sieht man in der Funktion “testen()“ * * 2006-03-30 Gerold * - Reply-to (Antwort an) kann jetzt auch angegeben werden. * * 2006-05-28 Gerold * - Wortlaut des Headers "User-Agent" geändert. * - Da nicht jeder SMTP-Server das Datum automatisch zum Header hinzufügt, * wird ab jetzt das Datum beim Senden hinzugefügt. * (Karl, danke für den wichtigen Hinweis.) * 2005-06-08 Gerold * - Fehlerklassen von **SimpleMail_Exception** abgeleitet. Damit wird * bei einem Fehler jetzt auch eine aussagekräftigere Fehlermeldung * ausgegeben. Dabei habe ich auch die vertauschten Fehlermeldungen * ausgetauscht. (Rebecca, danke für die Meldung.) * - Da die Klassen **CCRe-

cipients** und **BCCRecipients** sowiso von * **Recipients** abgeleitet wurden, kann ich mir das Überschreiben * der Initialisierung (__init__) und die Angabe der Slots sparen. * **********

9.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

9.2 Class SimpleMail_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.Email2.SimpleMail_Exception

Known Subclasses: cuon.Email2.AttachmentNotFound_Exception, cuon.Email2.NoFromAddress_Except
cuon.Email2.NoSubject_Exception, cuon.Email2.NoToAddress_Exception

SimpleMail Base-Exception

9.2.1 Methods

__str__(*self*)

str(x)

Overrides: object.__str__ extit(inherited documentation)

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

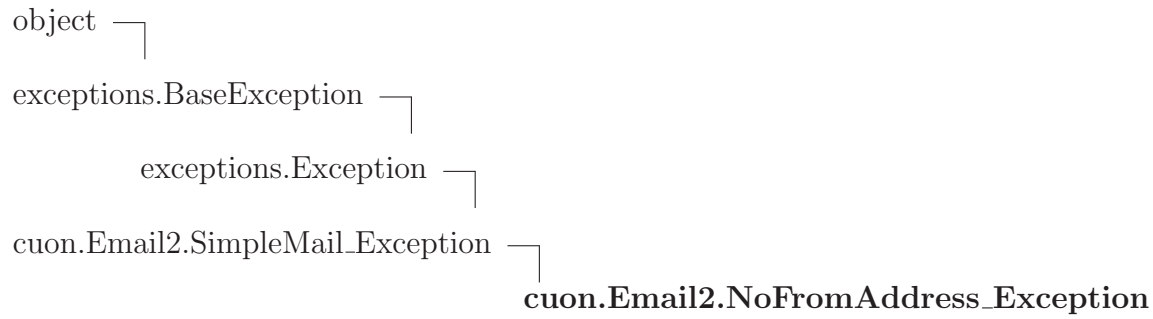
Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

9.2.2 Properties

Name	Description
Inherited from exceptions.BaseException	
args, message	
Inherited from object	
__class__	

9.3 Class NoFromAddress_Exception



en: No sender address de: Es wurde keine Absenderadresse angegeben

9.3.1 Methods

Inherited from cuon.Email2.SimpleMail_Exception(Section 9.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

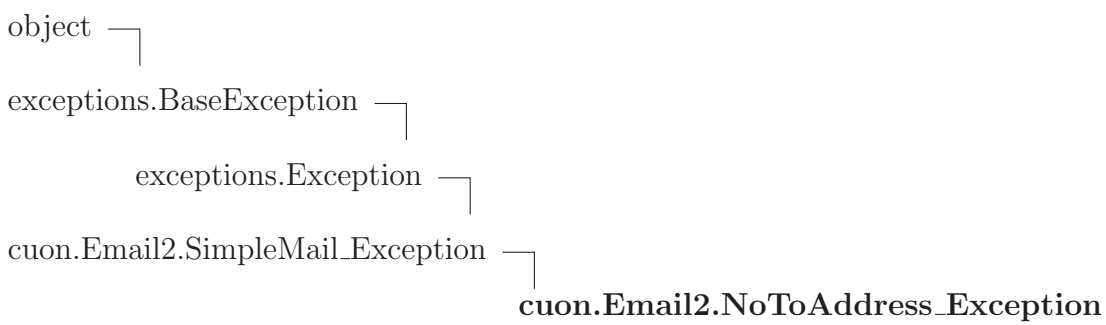
Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

9.3.2 Properties

Name	Description
Inherited from exceptions.BaseException	
args, message	
Inherited from object	
__class__	

9.4 Class NoToAddress_Exception



en: No recipient address de: Es wurde keine Empfaengeradresse angegeben

9.4.1 Methods

Inherited from cuon.Email2.SimpleMail_Exception(Section 9.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

9.4.2 Properties

Name	Description
Inherited from exceptions.BaseException	

continued on next page

Name	Description
args, message	
Inherited from object __class__	

9.5 Class NoSubject_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.Email2.SimpleMail_Exception
cuon.Email2.NoSubject_Exception

en: No subject de: Es wurde kein Betreff angegeben

9.5.1 Methods

Inherited from cuon.Email2.SimpleMail_Exception(Section 9.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

9.5.2 Properties

Name	Description
Inherited from exceptions.BaseException args, message	

continued on next page

Name	Description
Inherited from object	
__class__	

9.6 Class AttachmentNotFound_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.Email2.SimpleMail_Exception
cuon.Email2.AttachmentNotFound_Exception

en: Attachment not found de: Das uebergebene Attachment wurde nicht gefunden

9.6.1 Methods

Inherited from cuon.Email2.SimpleMail_Exception(Section 9.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

9.6.2 Properties

Name	Description
Inherited from exceptions.BaseException	
args, message	
Inherited from object	
__class__	

9.7 Class Attachments

object
└ **cuon.Email2.Attachments**

de: Dieses Objekt stellt die Anhaenge einer Email dar

9.7.1 Methods

__init__(*self*)

de: Initialisiert die Anhaenge

Overrides: object.__init__

add_filename(*self*, *dicFile*='')

en: Adds an attachment de: Fuegt einen neuen Anhang hinzu

count(*self*)

en: Returns the number of attachments de: Gibt die Anzahl der Anhaenge zurueck

get_list(*self*)

en: Returns the attachments, as list de: Gibt die Anhaenge als Liste zurueck

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

9.7.2 Properties

Name	Description
Inherited from object	
__class__	

9.8 Class Recipients

object
└
cuon.Email2.Recipients

Known Subclasses: cuon.Email2.BCCRecipients, cuon.Email2.CCRecipients

en: This object stands for all recipients from the email de: Dieses Objekt stellt die Empfaenger einer Email dar

9.8.1 Methods

__init__(*self*)

en: Initializes the recipients de: Initialisiert die Empfaenger

Overrides: object.__init__

add(*self*, *address*, *caption*='')

```
en: Adds a new address to the list of recipients
    address = email address of the recipient
    caption = caption (name) of the recipient
de: Fuegt der Empfaengerliste eine neue Adresse hinzu.
    address = Emailadresse des Empfaengrs
    caption = Bezeichnung (Name) des Empfaengers
```

count(*self*)

en: Returns the number of recipients de: Gibt die Anzahl der Empfaenger zurueck

__repr__(*self*)

en: Returns the list of recipients, as string de: Gibt die Empfengerliste als String zurueck

Overrides: object.__repr__

get_list(*self*)

en: Returns the list of recipients, as list de: Gibt die Empfaengerliste als Liste zurueck

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

9.8.2 Properties

Name	Description
Inherited from object	
__class__	

9.9 Class CCRecipients

en: This object stands for all CC-recipients from the email de: Dieses Objekt stellt die CC-Empfaenger einer Email dar

9.9.1 Methods

__init__(*self*)

en: Initializes the recipients de: Initialisiert die Empfaenger

Overrides: object.__init__

add(*self*, *address*, *caption=''*)

```
en: Adds a new address to the list of recipients
    address = email address of the recipient
    caption = caption (name) of the recipient
de: Fuegt der Empfaengerliste eine neue Adresse hinzu.
    address = Emailadresse des Empfaengrs
    caption = Bezeichnung (Name) des Empfaengers
```

Overrides: cuon.Email2.Recipients.add

count(*self*)

en: Returns the number of recipients de: Gibt die Anzahl der Empfaenger zurueck

Overrides: cuon.Email2.Recipients.count

__repr__(*self*)

en: Returns the list of recipients, as string de: Gibt die Empfengerliste als String zurueck

Overrides: object.__repr__

get_list(*self*)

en: Returns the list of recipients, as list de: Gibt die Empfaengerliste als Liste zurueck

Overrides: cuon.Email2.Recipients.get_list

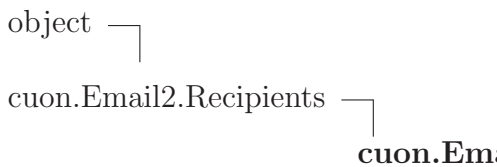
Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

9.9.2 Properties

Name	Description
cc_recipients	
Inherited from object __class__	

9.10 Class BCCRecipients



en: This object stands for all BCC-recipients from the email de: Dieses Objekt stellt die BCC-Empfaenger einer Email dar

9.10.1 Methods

__init__(*self*)

en: Initializes the recipients de: Initialisiert die Empfaenger

Overrides: object.__init__

add(*self*, *address*, *caption*='')

```
en: Adds a new address to the list of recipients
    address = email address of the recipient
    caption = caption (name) of the recipient
de: Fuegt der Empfaengerliste eine neue Adresse hinzu.
    address = Emailadresse des Empfaengrs
    caption = Bezeichnung (Name) des Empfaengers
```

Overrides: cuon.Email2.Recipients.add

count(*self*)

en: Returns the number of recipients de: Gibt die Anzahl der Empfaenger zurueck

Overrides: cuon.Email2.Recipients.count

__repr__(*self*)

en: Returns the list of recipients, as string de: Gibt die Empfengerliste als String zurueck

Overrides: object.__repr__

get_list(*self*)

en: Returns the list of recipients, as list de: Gibt die Empfaengerliste als Liste zurueck

Overrides: cuon.Email2.Recipients.get_list

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

9.10.2 Properties

Name	Description
bcc_recipients	
Inherited from object __class__	

9.11 Class Email

object
└
cuon.Email2.Email

```
en: This Object stands for one email, which can sent with
    the method 'send'.
de: Dieses Objekt stellt eine Email dar, welche mit der
    Methode 'send' verschickt werden kann.
```

9.11.1 Methods

__init__(*self*, *from_address*='', *from_caption*='', *to_address*='', *to_caption*='', *subject*='', *message*='', *smtp_server*='localhost', *smtp_user*='', *smtp_password*='', *attachment_file*='', *user_agent*='', *reply_to_address*='', *reply_to_caption*='')

```
en: Initialize the email object
    from_address     = the email address of the sender
    from_caption     = the caption (name) of the sender
    to_address       = the email address of the recipient
    to_caption       = the caption (name) of the recipient
    subject          = the subject of the email message
    message          = the body text of the email message
    smtp_server      = the ip-address or the name of the SMTP-server
    smtp_user        = (optional) Login name for the SMTP-Server
    smtp_passwort    = (optional) Password for the SMTP-Server
    user_agent       = (optional) program identification
    reply_to_address = (optional) Reply-to email address
    reply_to_caption = (optional) Reply-to caption (name)

de: Initialisiert das Email-Objekt
    from_address     = die Emailadresse des Absenders
    from_caption     = die Beschrifung (der Name) des Absenders
    to_address       = die Emailadresse des Empfaengers
    to_caption       = die Beschriftung (der Name) des Empfaengers
    subject          = der Betreff der Emailnachricht
    message          = der Nachrichtentext
    smtp_server      = IP-Adresse oder Name des SMTP-Servers.
                       Es kann auch der Port mit ``:`` vom Server getrennt
                       angehaengt werden. (z.B. ``localhost:25``)
    smtp_user        = (optional) Benutzername zum Anmelden an den SMTP-Server
    smtp_passwort    = (optional) das Passwort zum Anmelden an den SMTP-Server
    user_agent       = (optional) Programm-Identifikation
    reply_to_address = (optional) Antwort-an Emailadresse
    reply_to_caption = (optional) Antwort-an Beschriftung (Name)
```

Overrides: object.__init__

send(*self*)

```
de: Sendet die Email an den Empfaenger.
    Wird das Email nur an einen Empfaenger gesendet, dann wird bei
    Erfolg <True> zurueck gegeben. Wird das Email an mehrere Empfaenger
    gesendet und wurde an mindestens einen der Empfaenger erfolgreich
    ausgeliefert, dann wird ebenfalls <True> zurueck gegeben.

    Wird das Email nur an einen Empfaenger gesendet, dann wird bei
    Misserfolg <False> zurueck gegeben. Wird das Email an mehrere
    Empfaenger gesendet und wurde an keinen der Empfaenger erfolgreich
    ausgeliefert, dann wird <False> zurueck gegeben.
```

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

9.11.2 Properties

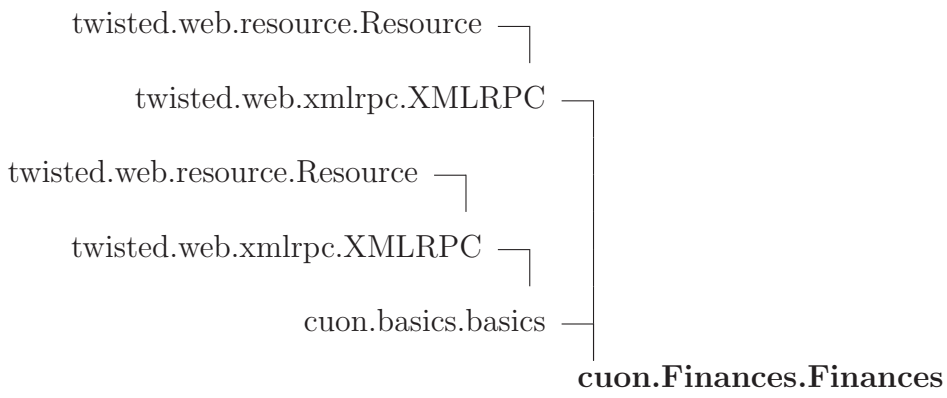
Name	Description
attachments	
bcc_recipients	
cc_recipients	
content_charset	
content_subtype	
from_address	
from_caption	
header_charset	
message	
recipients	
reply_to_address	
reply_to_caption	
smtp_crypt	
smtp_password	
smtp_server	
smtp_user	
statusdict	
subject	
user_agent	
Inherited from object __class__	

10 Module cuon.Finances

10.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

10.2 Class Finances



10.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

getCashAccountBook(*self*, *dicSearchfields*, *dicUser*)

xmlrpc_getLastDate(*self*, *dicUser*)

xmlrpc_get_AccountPlanNumber(*self*, *id*, *dicUser*)

xmlrpc_get_iAcct(*self*, *iAcct*, *dicUser*)

xmlrpc_get_acct(*self*, *sAcct*, *dicUser*)

xmlrpc_getAcctID(*self*, *sAcct*, *dicUser*)

xmlrpc_get_cabShortKeyValues(*self*, *s*, *dicUser*)

xmlrpc_get_cab_designation(*self*, *id*, *dicUser*)

xmlrpc_get_cab_doc_number1(*self*, *dicUser*)

xmlrpc_updateAccountInfo(*self*, *dicAcct*, *dicUser*)

xmlrpc_getTotalAmount(*self*, *order_id*, *dicUser*)

xmlrpc_getTotalAmountString(*self*, *OrderID*, *dicUser*)

xmlrpc_getTotalInpayment(*self*, *order_id*, *dicUser*)

xmlrpc_getTotalInpaymentString(*self*, *OrderID*, *dicUser*)

xmlrpc_getTotalDiscount(*self*, *order_id*, *dicUser*)

getDiscountSumString(*self*)

xmlrpc_getResidueSumString(*self*, *OrderID*, *dicUser*)

xmlrpc_createTicketFromInpayment(*self*, *inpayment_id*, *dicUser*)

xmlrpc_createTicketFromInvoice(*self*, *invoice_id*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLast-

MonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

10.2.2 Class Variables

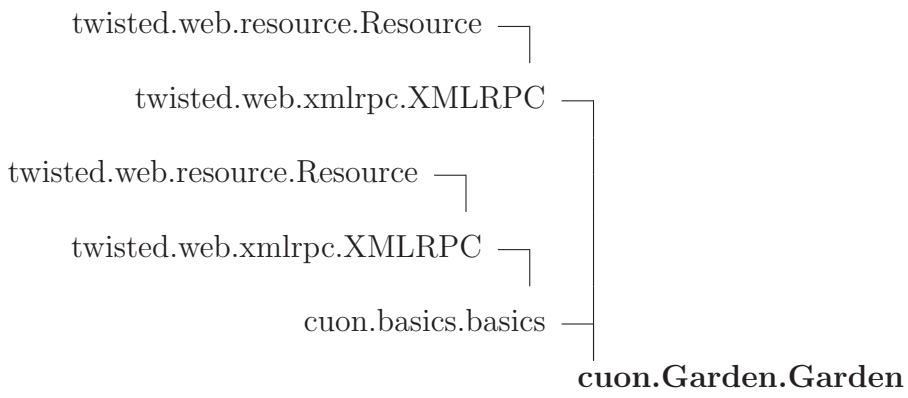
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

11 Module cuon.Garden

11.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

11.2 Class Garden



11.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getOutgoingNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getNewSequenceNumber(*self*, *year*, *dicUser*)

xmlrpc_getInvoiceAddress(*self*, *dicOrder*, *dicUser*)

xmlrpc_getInvoiceNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getIncomingAddress(*self*, *dicOrder*, *dicUser*)

xmlrpc_getPickupData(*self*, *dicOrder*, *dicUser*)

xmlrpc_getIncomingNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getPickupNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getNewHibernationNumber(*self*, *dicUser*)

xmlrpc_getHibernationIncoming(*self*, *dicOrder*, *dicUser*)

xmlrpc_getHibernationPickup(*self*, *dicOrder*, *dicUser*)

xmlrpc_reorgPlantNumber(*self*, *hib_nr*, *dicUser*)

xmlrpc_getOrderPositions(*self*, *hibID*, *dicUser*)

xmlrpc_getSum(*self*, *hibID*, *dicUser*)

xmlrpc_getArticleAssociatedID(*self*, *article_id*, *dicUser*)

xmlrpc_getHibsWithoutInvoices(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

11.2.2 Class Variables

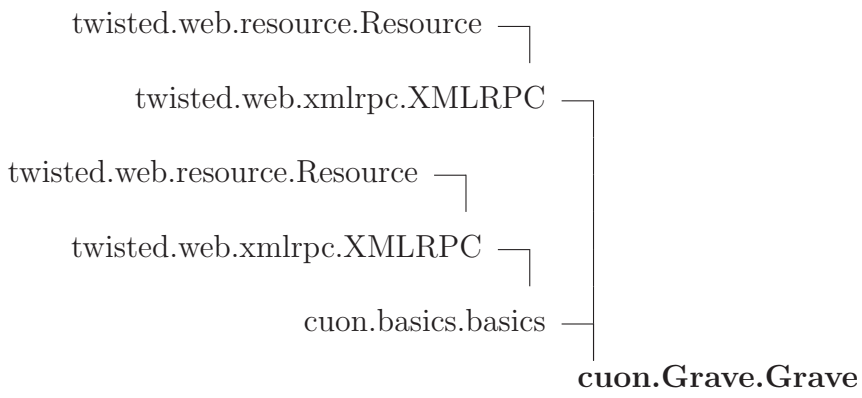
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

12 Module cuon.Grave

12.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

12.2 Class Grave



12.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getComboBoxEntries(*self*, *dicUser*)

xmlrpc_getGravesForAddress(*self*, *addressid*, *dicUser*)

xmlrpc_createNewGrave(*self*, *dicUser*, *dicGrave*)

xmlrpc_getGraveyards(*self*, *dicUser*)

xmlrpc_getComboGraveyards(*self*, *dicUser*)

getGravePlantListValues(*self*, *liSearchfields*, *dicUser*, *nRows*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

12.2.2 Class Variables

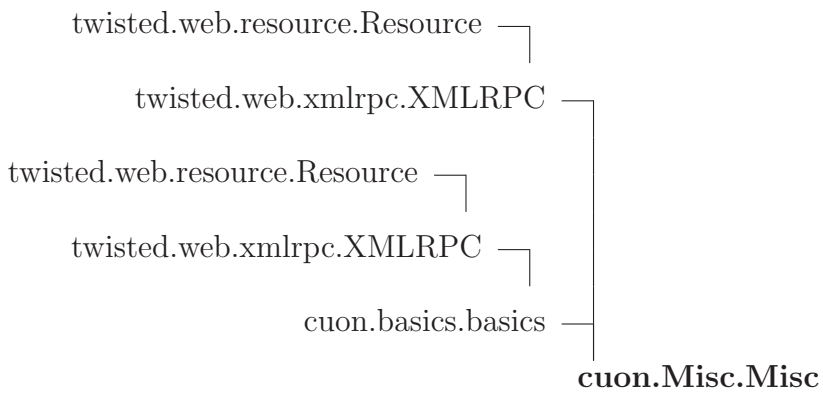
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

13 Module cuon.Misc

13.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

13.2 Class Misc



13.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

setDefaultValues2Database(*self*)

getMyHelpServer(*self*)

if the CUON_SERVER environment-variable begins with https, then the server use SSL for security.

Return Value

Server-Object for xmlrpc

xmlrpc_getHelpBook(*self*)

xmlrpc_getListOfTOPs(*self*, *dicuser*)

xmlrpc_getListOfTaxVat(*self*, *dicUser*)

xmlrpc_getFormsAddressNotes(*self*, *iType*, *dicUser*)

xmlrpc_faxData(*self*, *dicUser*, *faxdata*, *phone_number*)

xmlrpc_getForm(*self*, *id*, *dicUser*)

xmlrpc_getNotes0ID(*self*, *dicUser*)

xmlrpc_sendNotes0(*self*, *dicUser*, *current_page*=-1)

xmlrpc_getAdditionalEmailAddressesNotes0(*self*, *addressid*, *dicUser*)

xmlrpc_getEmailAddresses(*self*, *sType*, *dicUser*)

xmlrpc_dmsCheckPermissions(*self*, *id*, *dicUser*)

xmlrpc_saveDia(*self*, *sType*, *dicData*)

xmlrpc_getTextExtract(*self*, *id*, *sFileSuffix*, *dicUser*)

xmlrpc_updateDmsExtract(*self*, *id*, *sExtract*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOf-

Month(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

13.2.2 Class Variables

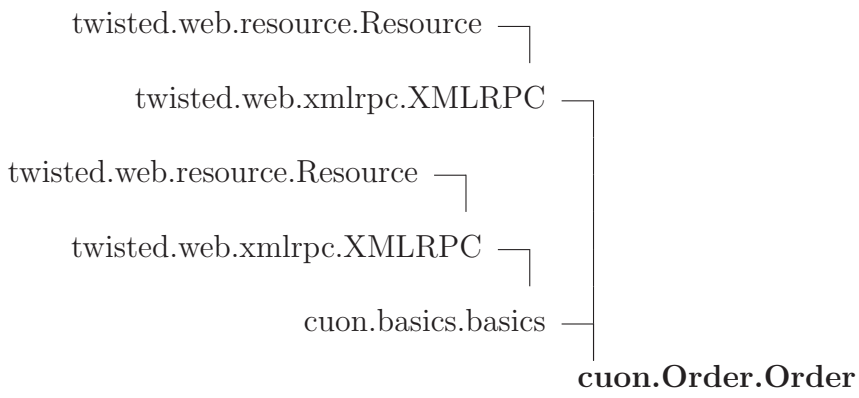
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

14 Module cuon.Order

14.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

14.2 Class Order



14.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getDeliveryNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getInvoiceAddress(*self*, *dicOrder*, *dicUser*)

xmlrpc_getOrderPositions(*self*, *dicOrder*, *dicUser*)

xmlrpc_getInvoiceNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_changeProposal2Order(*self*, *ProposalID*, *dicUser*)

xmlrpc_getProposalNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getInvoiceDate(*self*, *orderNumber*, *dicUser*)

xmlrpc_getOrderValues(*self*, *orderid*, *dicUser*)

xmlrpc_setInvoiceNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getPickupAddress(*self*, *dicOrder*, *dicUser*)

xmlrpc_getPickupData(*self*, *dicOrder*, *dicUser*)

xmlrpc_getPickupNumber(*self*, *orderNumber*, *dicUser*)

xmlrpc_getStandardInvoice(*self*, *dicOrder*, *dicUser*)

xmlrpc_checkExistModulOrder(*self*, *dicUser*, *dicOrder*)

xmlrpc_checkExistModulProposal(*self*, *dicUser*, *dicOrder*)

xmlrpc_createNewOrder(*self*, *dicUser*, *dicOrder*)

checkDefaultOrder(*self*, *dicUser*, *id*)

getTotalSum(*self*, *OrderID*, *dicUser*)

xmlrpc_getTotalSumString(*self*, *OrderID*, *dicUser*)

xmlrpc_getPaidAt(*self*, *OrderID*, *dicUser*)

xmlrpc_getNextPosition(*self*, *orderid*, *dicUser*)

xmlrpc_getUserInfoOrder(*self*, *dicOrder*, *dicUser*)

xmlrpc_getUserInfoInvoice(*self*, *dicOrder*, *dicUser*)

getListOfInvoices(*self*, *dicOrder*, *dicUser*)

getListOfInpayment(*self*, *dicOrder*, *dicUser*)

xmlrpc_getOrderForAddress(*self*, *address_id*, *dicUser*, *iBegin*=500, *iEnd*=799)

xmlrpc_getOrderForProject(*self*, *project_id*, *dicUser*)

xmlrpc_getInvoicesForAddress(*self*, *address_id*, *dicUser*)

getToPID(*self*, *dicOrder*, *dicUser*)

xmlrpc_getToP(*self*, *dicOrder*, *dicUser*)

xmlrpc_getAllOrderWithoutInvoice(*self*, *dicUser*)

checkMaturityDay(*self*, *dicUser*)

getResidue(*self*, *dicUser*)

getReminder(*self*, *dicUser*)

getListOfInvoicesByTop(*self*, *dicExtraData*, *dicUser*)

xmlrpc_getStatsMisc(*self*, *dicUser*)

xmlrpc_getStatsGlobal(*self*, *dicUser*)

xmlrpc_getStatsCaller(*self*, *dicUser*)

xmlrpc_getStatsReps(*self*, *dicUser*)

xmlrpc_getStatsSalesman(*self*, *dicUser*)

xmlrpc_getStatTaxVat1(*self*, *dicUser*)

xmlrpc_dup_order(*self*, *iOrderID*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

14.2.2 Class Variables

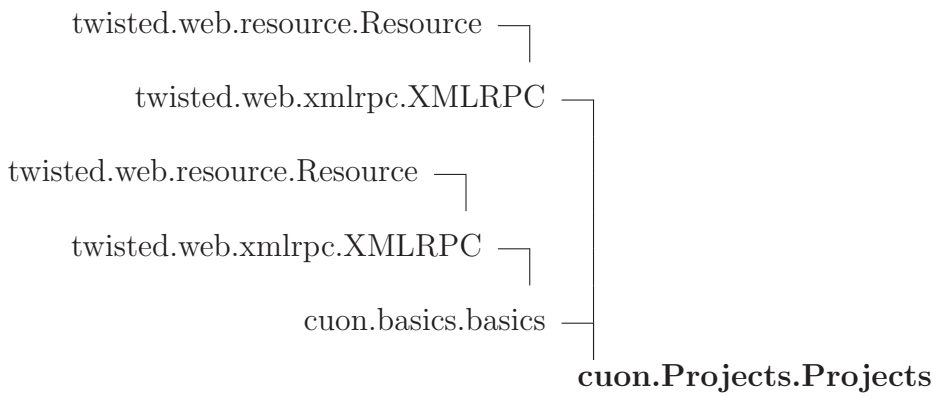
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

15 Module cuon.Projects

15.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

15.2 Class Projects



15.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getComboBoxEntries(*self*, *dicUser*)

xmlrpc_checkExistModulProject(*self*, *dicUser*, *dicProject*)

xmlrpc_createNewProject(*self*, *dicUser*, *dicProject*)

xmlrpc_getProjectsForAddress(*self*, *address_id*, *dicUser*)

xmlrpc_getStatRep(*self*, *dicUser*)

xmlrpc_getStatsMisc(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

15.2.2 Class Variables

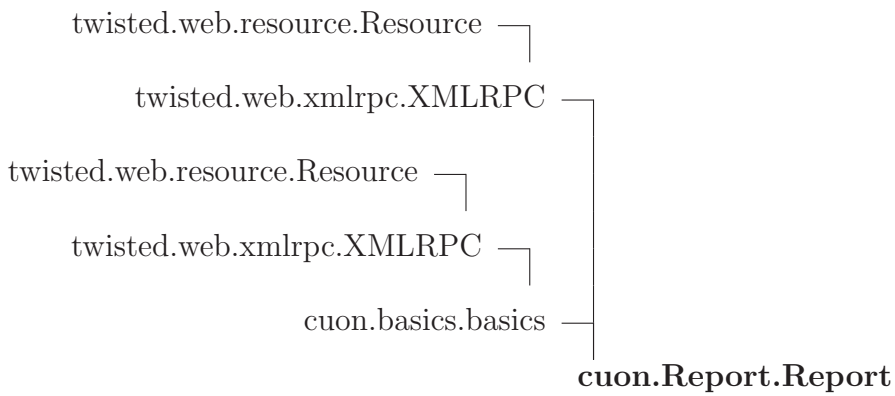
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

16 Module cuon.Report

16.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

16.2 Class Report



16.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_server_address_phonelist1(*self*, *dicSearchlist*, *dicUser*)

xmlrpc_server_address_phonelist11(*self*, *dicSearchlist*, *dicUser*)

xmlrpc_server_address_phonelist12(*self*, *dicSearchlist*, *dicUser*)

xmlrpc_server_articles_number1(*self*, *dicSearchlist*, *dicUser*)

xmlrpc_server_articles_pickles_standard(*self*, *dicSearchlist*, *dicUser*, *nRows*=`0`, *sName*=`'standard'`)

xmlrpc_server_graves_plant_standard(*self*, *dicSearchlist*, *dicUser*, *nRows*=0, *sName*='standard')

xmlrpc_server_hibernation_incoming_document(*self*, *dicOrder*, *dicUser*)

xmlrpc_server_hibernation_pickup_document(*self*, *dicOrder*, *dicUser*)

xmlrpc_server_hibernation_invoice(*self*, *dicOrder*, *dicUser*)

xmlrpc_server_proposal_document(*self*, *dicOrder*, *dicUser*)

xmlrpc_server_order_invoice_document(*self*, *dicOrder*, *dicUser*)

xmlrpc_server_order_supply_document(*self*, *dicOrder*, *dicUser*)

xmlrpc_server_list_list_of_invoices(*self*, *dicExtraData*, *dicUser*)

xmlrpc_server_list_of_inpayment(*self*, *dicExtraData*, *dicUser*)

xmlrpc_server_list_of_residue(*self*, *dicExtraData*, *dicUser*)

xmlrpc_server_list_of_reminder(*self*, *dicExtraData*, *dicUser*)

xmlrpc_server_list_of_invoices_by_top(*self*, *dicExtraData*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), ge-

tIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

16.2.2 Class Variables

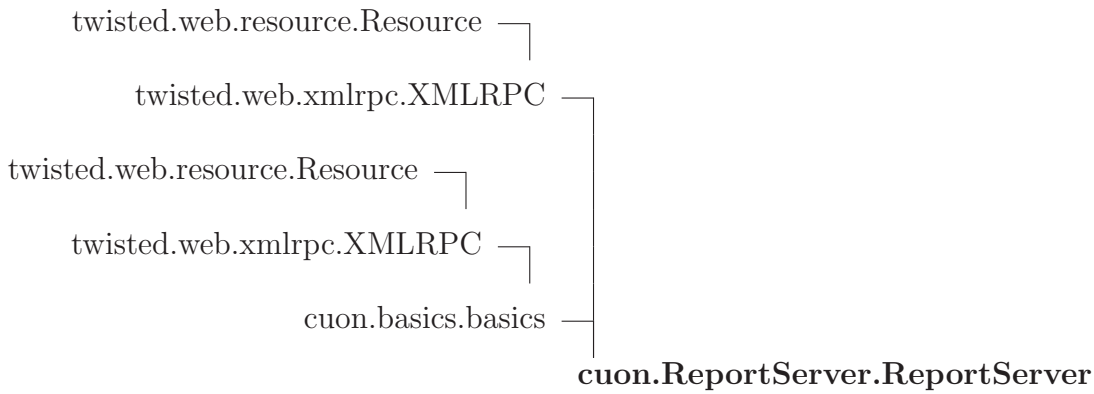
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

17 Module cuon.ReportServer

17.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

17.2 Class ReportServer



17.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_createReport(*self*, **reportdata*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

17.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

18 Package cuon.Reports

18.1 Modules

- **MyXML** *(Section 19, p. 65)*
- **report** *(Section 20, p. 68)*
- **report2_latex** *(Section 21, p. 71)*
- **report_addresses_phone1** *(Section 22, p. 75)*
- **report_addresses_phone11** *(Section 23, p. 76)*
- **report_addresses_phone12** *(Section 24, p. 77)*
- **report_articles_number1** *(Section 25, p. 78)*
- **report_articles_pickles_standard** *(Section 26, p. 79)*
- **report_basics** *(Section 27, p. 80)*
- **report_cab_monthly** *(Section 28, p. 81)*
- **report_grave_plant_lists** *(Section 29, p. 82)*
- **report_hibernation_incoming_document** *(Section 30, p. 83)*
- **report_hibernation_invoice** *(Section 31, p. 84)*
- **report_hibernation_outgoing_document** *(Section 32, p. 85)*
- **report_hibernation_pickup_document** *(Section 33, p. 86)*
- **report_list_list_of_invoices** *(Section 34, p. 87)*
- **report_list_of_inpayment** *(Section 35, p. 88)*
- **report_list_of_reminder** *(Section 36, p. 89)*
- **report_list_of_residue** *(Section 37, p. 90)*
- **report_list_of_top** *(Section 38, p. 91)*
- **report_order_list_of_invoices** *(Section 39, p. 92)*
- **report_order_standard_invoice** *(Section 40, p. 93)*
- **report_order_standard_supply** *(Section 41, p. 94)*
- **report_printAddress** *(Section 42, p. 95)*
- **report_proposal_standard** *(Section 43, p. 96)*
- **report_stockgoods_number1** *(Section 44, p. 97)*
- **standardlist** *(Section 45, p. 98)*

18.2 Variables

Name	Description
__package__	**Value:** `None`

19 Module cuon.Reports.MyXML

19.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

19.2 Class MyXML

Known Subclasses: cuon.Reports.report.report, cuon.Reports.report2_latex.report2

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19.2.1 Methods

NotTextNodeError(*self*)

__init__(*self*)

getAttributValue(*self*, *node*, *sName*)

getColumnAt(*self*, *cyTable*, *iIndex*)

getColumnSpecification(*self*, *cyColumn*, *sValue*)

getData(*self*, *cyNode*)

getEntries(*self*, *sFileName*)

getEntry(*self*, *cyNode*, *cyName*, *cyValue*)

getEntryAt(*self*, *cyEntries*, *iIndex*)

getEntrySpecification(*self*, *cyEntry*, *sValue*)

getListOfEntries(*self*, *cyNode*)

getListOfSequences(*self*, *cyNode*)

getListOfTables(*self*, *cyNode*)

getNode(*self*, *cyNode*, *cyValue*)

getNodeData(*self*, *cyNode*, *sValue*)

getNodes(*self*, *cyNode*, *cyValue*)

getNumberOfEntries(*self*, *cyEntries*)

getNumberOfFields(*self*, *cyTable*)

getRootNode(*self*, *doc*)

getSequence(*self*, *cyNode*, *cyName*, *cyValue*)

getTable(*self*, *cyNode*, *cyName*, *cyValue*)

getTableSpecification(*self*, *cyTable*, *sValue*)

getTextFromNode(*self*, *node*)

scans through all children of node and gathers the text. if node has non-text child-nodes, then NotTextNodeError is raised.

nodeToDic(*self*, *node*)

nodeToDic() scans through the children of node and makes a dictionary from the content.

1. three cases are differentiated.
   - if the node contains no other nodes, it is a text-node and {nodeName:text} is merged into the dictionary.
   - if the node has the attribute "method" set to "true", then it's children will be appended to a list and this list is merged to the dictionary in the form: {nodeName:list}.
   - else, nodeToDic() will call itself recursively on the nodes children (merging {nodeName:nodeToDic()} to the dictionary).

out(*self*, *s*)

readDocument(*self*, *filename*)

test(*self*)

20 Module cuon.Reports.report

20.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

20.2 Class report

cuon.Reports.MyXML.MyXML
└
cuon.Reports.report.report

Known Subclasses: cuon.Reports.standardlist.standardlist

20.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.MyXML.MyXML.__init__

start(*self*, **reportdata*)

out(*self*, *s*)
Overrides: cuon.Reports.MyXML.MyXML.out

setDicUser(*self*, *dicUser*)

loadXmlReportFile(*self*, *sFile*)

loadXmlReport(*self*, *sFile*)

setReportValues(*self*, *cyRootNode*)

getReportHeader(*self*, *cyRootNode*)

getPageHeader(*self*, *cyRootNode*)

getPageFooter(*self*, *cyRootNode*, *x1*, *y1*, *x2*, *y2*)

getReportFooter(*self*, *cyRootNode*, *x1*, *y1*, *x2*, *y2*)

startReport(*self*, *c*, *cyRootNode*)

getXmlEntry(*self*, *cyNode*)

getReportEntry(*self*, *cyNode*)

createTestSite(*self*, *c*)

createPdf(*self*, *cyRootNode*)

printNewPage(*self*, *c*)

closePDF(*self*, *c*)

setLatestSiteInformations(*self*, *c*)

printReportHeader(*self*, *c*)

printPageHeader(*self*, *c*)

printPageDetails(*self*, *c*)

printPageFooter(*self*, *c*)

printReportFooter(*self*, *c*)

printPdfField(*self*, *c*, *dicField*)

printTitle(*self*, *c*)

printHeader(*self*, *c*)

createHeader(*self*, *dicHeaderInfo*)

createStandardPageHeader(*self*, *liRecord*)

createPdfPages(*self*, *dicResult*)

testEndOfPage(*self*, *dicRow*, *papersizeHeight*, *offSet*)

firstPage(*self*, *liRecord*)

newPage(*self*, *liRecord*)

setBackground(*self*, *c*)

checkProperty(*self*, *liRecord*, *dicRow*)

Inherited from cuon.Reports.MyXML.MyXML(Section 19.2)

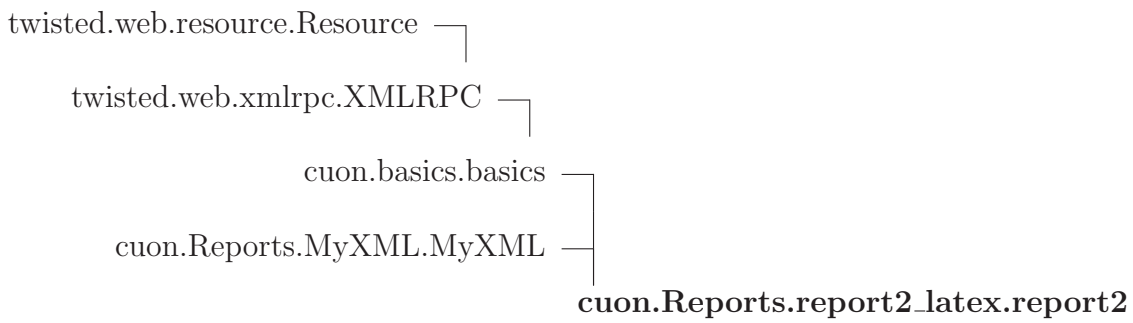
NotTextNodeError(), getAttributValue(), getColumnAt(), getColumnSpecification(), getData(), getEntries(), getEntry(), getEntryAt(), getEntrySpecification(), getListOfEntries(), getListOfSequences(), getListOfTables(), getNode(), getNodeData(), getNodes(), getNumberOfEntries(), getNumberOfFields(), getRootNode(), getSequence(), getTable(), getTableSpecification(), getTextFromNode(), nodeToDic(), readDocument(), test()

21 Module cuon.Reports.report2_latex

21.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

21.2 Class report2



21.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.Reports.MyXML.MyXML.__init__

start(*self*, **reportdata*)

out(*self*, *s*)

Overrides: cuon.Reports.MyXML.MyXML.out

setDicUser(*self*, *dicUser*)

loadXmlReportFile(*self*, *sFile*)

loadXmlReport(*self*, *sFile*)

setReportValues(*self*, *cyRootNode*)

getReportHeader(*self*, *cyRootNode*)

getPageHeader(*self*, *cyRootNode*)

getPageFooter(*self*, *cyRootNode*)

getReportFooter(*self*, *cyRootNode*)

startReport(*self*, *c*, *cyRootNode*)

getXmlEntry(*self*, *cyNode*)

getReportEntry(*self*, *cyNode*)

createTestSite(*self*, *c*)

createPdf(*self*, *cyRootNode*)

printNewPage(*self*, *c*)

closePDF(*self*, *c*)

setLatestSiteInformations(*self*, *c*)

printReportHeader(*self*, *c*)

printPageHeader(*self*, *c*)

printPageDetails(*self*, *c*)

printPageFooter(*self*, *c*)

printReportFooter(*self*, *c*)

printLatexField(*self*, *dicField*)

printPdfField(*self*, *c*, *dicField*)

printTitle(*self*, *c*)

printHeader(*self*, *c*)

createHeader(*self*, *dicHeaderInfo*)

createStandardPageHeader(*self*, *liRecord*)

createPdfPages(*self*, *dicResult*)

testEndOfPage(*self*, *yRow*, *papersizeHeight*, *offSet*)

firstPage(*self*, *liRecord*)

newPage(*self*, *liRecord*)

setBackground(*self*, *c*)

italic(*self*, *text*)

bold(*self*, *text*)

section(*self*, *text*)

subsection(*self*, *text*)

subsubsection(*self*, *text*)

chapter(*self*, *text*)

title(*self*, *text*)

date(*self*)

toc(*self*)

paragraph(*self*, *text*)

subparagraph(*self*, *text*)

documentclass(*self*, *textone*, *texttwo*)

package(*self*, *text*)

author(*self*, *text*)

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.Reports.MyXML.MyXML(Section 19.2)

NotTextNodeError(), getAttributValue(), getColumnAt(), getColumnSpecification(), getData(), getEntries(), getEntry(), getEntryAt(), getEntrySpecification(), getListOfEntries(), getListOfSequences(), getListOfTables(), getNode(), getNodeData(), getNodes(), getNumberOfEntries(), getNumberOfFields(), getRootNode(), getSequence(), getTable(), getTableSpecification(), getTextFromNode(), nodeToDic(), readDocument(), test()

21.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

22 Module cuon.Reports.report_addresses_phone1

22.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

22.2 Class report_addresses_phone1

22.2.1 Methods

__init__(*self*)

getReportData(*self*, *dicSearchfields*, *dicUser*, *oAddress*, *reportDefs*)

23 Module cuon.Reports.report_addresses_phone11

23.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

23.2 Class report_addresses_phone11

23.2.1 Methods

__init__(*self*)

getReportData(*self*, *dicSearchfields*, *dicUser*, *oAddress*, *reportDefs*)

24 Module cuon.Reports.report_addresses_phone12

24.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

24.2 Class report_addresses_phone12

24.2.1 Methods

__init__(*self*)

getReportData(*self*, *dicSearchfields*, *dicUser*, *oAddress*, *reportDefs*)

25 Module cuon.Reports.report_articles_number1

25.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

25.2 Class report_articles_number1

25.2.1 Methods

__init__(*self*)

getReportData(*self*, *dicSearchfields*, *dicUser*, *oArticle*, *reportDefs*)

26 Module cuon.Reports.report_articles_pickles_standard

26.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

26.2 Class report_articles_pickles_standard

26.2.1 Methods

__init__(*self*, *nRows*=`0`, *sName*=`'standard'`)

getReportData(*self*, *dicSearchfields*, *dicUser*, *oArticle*, *reportDefs*)

27 Module cuon.Reports.report_basics

27.1 Variables

Name	Description
__package__	**Value:** `None`

27.2 Class report_basics

Known Subclasses: cuon.Reports.report_list_of_top.report_list_of_top, cuon.Reports.report_order_standar
cuon.Reports.report_hibernation_incoming_document.report_hibernation_incoming_document,
cuon.Reports.report_hibernation_invoice.report_hibernation_invoice, cuon.Reports.report_order_list_of_invo
cuon.Reports.report_proposal_standard.report_proposal_standard, cuon.Reports.report_hibernation_pickup
cuon.Reports.report_list_list_of_invoices.report_list_list_of_invoices, cuon.Reports.report_order_standard_sup
cuon.Reports.report_list_of_reminder.report_list_of_reminder, cuon.Reports.report_list_of_residue.report_list
cuon.Reports.report_list_of_inpayment.report_list_of_inpayment

27.2.1 Methods

__init__(*self*)

getPdfEncoding(*self*, *value*, *ReportDefs*)

28 Module cuon.Reports.report_cab_monthly

28.1 Variables

Name	Description
__package__	**Value:** `None`

28.2 Class report_cab_monthly

28.2.1 Methods

__init__(*self*)

29 Module cuon.Reports.report_grave_plant_lists

29.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

29.2 Class report_grave_plant_lists

29.2.1 Methods

__init__(*self*, *nRows*=`0`, *sName*=`'standard'`)

getReportData(*self*, *dicSearchfields*, *dicUser*, *oGrave*, *reportDefs*)

30 Module cuon.Reports.report_hibernation_incoming_document

30.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

30.2 Class report_hibernation_incoming_document

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_hibernation_incoming_document.**

30.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oGarden*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

31 Module cuon.Reports.report_hibernation_invoice

31.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

31.2 Class report_hibernation_invoice

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_hibernation_invoice.report_hiber**

31.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oGarden*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

32 Module cuon.Reports.report_hibernation_outgoing_document

32.1 Variables

Name	Description
__package__	**Value:** `None`

32.2 Class report_hibernation_outgoing_document

32.2.1 Methods

__init__(*self*)

33 Module cuon.Reports.report_hibernation_pickup_document

33.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

33.2 Class report_hibernation_pickup_document

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_hibernation_pickup_document.rep**

33.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oGarden*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

34 Module cuon.Reports.report_list_list_of_invoices

34.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

34.2 Class report_list_list_of_invoices

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_list_list_of_invoices.report_list_list**

34.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicExtraData*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

35 Module cuon.Reports.report_list_of_inpayment

35.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

35.2 Class report_list_of_inpayment

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_list_of_inpayment.report_list_of_in**

35.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicExtraData*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

36 Module cuon.Reports.report_list_of_reminder

36.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

36.2 Class report_list_of_reminder

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_list_of_reminder.report_list_of_ren**

36.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicExtraData*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

37 Module cuon.Reports.report_list_of_residue

37.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

37.2 Class report_list_of_residue

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_list_of_residue.report_list_of_resid**

37.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicExtraData*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

38 Module cuon.Reports.report_list_of_top

38.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

38.2 Class report_list_of_top

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_list_of_top.report_list_of_top**

38.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicExtraData*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

39 Module cuon.Reports.report_order_list_of_invoices

39.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

39.2 Class report_order_list_of_invoices

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_order_list_of_invoices.report_orde**

39.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

40 Module cuon.Reports.report_order_standard_invoice

40.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

40.2 Class report_order_standard_invoice

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_order_standard_invoice.report_orc**

40.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

41 Module cuon.Reports.report_order_standard_supply

41.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

41.2 Class report_order_standard_supply

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_order_standard_supply.report_ord**

41.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

42 Module cuon.Reports.report_printAddress

42.1 Variables

Name	Description
__package__	**Value:** `None`

42.2 Class report_printAddress

42.2.1 Methods

__init__(*self*)

43 Module cuon.Reports.report_proposal_standard

43.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

43.2 Class report_proposal_standard

cuon.Reports.report_basics.report_basics
└ **cuon.Reports.report_proposal_standard.report_proposa**

43.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.report_basics.report_basics.__init__

getReportData(*self*, *dicOrder*, *dicUser*, *oOrder*, *reportDefs*)

Inherited from cuon.Reports.report_basics.report_basics(Section 27.2)

getPdfEncoding()

44 Module cuon.Reports.report_stockgoods_number1

44.1 Variables

Name	Description
__package__	**Value:** `None`

44.2 Class report_stockgoods_number1

44.2.1 Methods

__init__(*self*)

45 Module cuon.Reports.standardlist

45.1 Variables

Name	Description
__package__	**Value:** `'cuon.Reports'`

45.2 Class standardlist

cuon.Reports.MyXML.MyXML
└ cuon.Reports.report.report
└ **cuon.Reports.standardlist.standardlist**

45.2.1 Methods

__init__(*self*)
Overrides: cuon.Reports.MyXML.MyXML.__init__

setFileName(*self*, *sName*)

Inherited from cuon.Reports.report.report(Section 20.2)

checkProperty(), closePDF(), createHeader(), createPdf(), createPdfPages(), createStandardPageHeader(), createTestSite(), firstPage(), getPageFooter(), getPageHeader(), getReportEntry(), getReportFooter(), getReportHeader(), getXmlEntry(), loadXmlReport(), loadXmlReportFile(), newPage(), out(), printHeader(), printNewPage(), printPageDetails(), printPageFooter(), printPageHeader(), printPdfField(), printReportFooter(), printReportHeader(), printTitle(), setBackground(), setDicUser(), setLatestSiteInformations(), setReportValues(), start(), startReport(), testEndOfPage()

Inherited from cuon.Reports.MyXML.MyXML(Section 19.2)

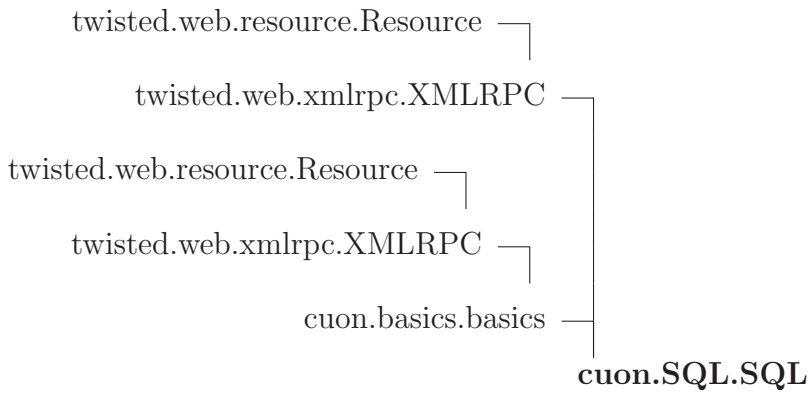
NotTextNodeError(), getAttributValue(), getColumnAt(), getColumnSpecification(), getData(), getEntries(), getEntry(), getEntryAt(), getEntrySpecification(), getListOfEntries(), getListOfSequences(), getListOfTables(), getNode(), getNodeData(), getNodes(), getNumberOfEntries(), getNumberOfFields(), getRootNode(), getSequence(), getTable(), getTableSpecification(), getTextFromNode(), nodeToDic(), readDocument(), test()

46 Module cuon.SQL

46.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

46.2 Class SQL



Known Subclasses: cuon.Database.Database

46.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_createBigRow(*self*, *sFile*, *data*, *j*, *dicUser*=`None`)

xmlrpc_deleteRecord(*self*, *nameOfTable*=`'EMPTY'`, *record*=`-1`, *dicUser*=`None`)

xmlrpc_executeNormalQuery(*self*, *cSql*, *dicUser*={`'Name': 'zope', 'SessionID': '0'`})

xmlrpc_getListEntries(*self*, *dicEntries*, *sTable*, *sSort*, *sWhere*=`''`, *dicUser*={}, *bDistinct*=`False`, *liFields*=`None`)

xmlrpc_loadCompeteTable(*self*, *nameOfTable*, *dicUser*)

xmlrpc_loadRecord(*self*, *nameOfTable*, *record*, *dicUser*, *dicColumns*)

xmlrpc_saveRecord(*self*, *sNameOfTable*='EMPTY', *id*=0, *dicValues*={}, *dicUser*={}, *liBigEntries*='NO')

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

46.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC	
FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource	
__implemented__, __provides__, server	

47 Module cuon.SVG

47.1 Functions

colorstr(*rgb*)

47.2 Variables

Name	Description
__package__	**Value:** `'cuon'`

47.3 Class SVG

47.3.1 Methods

__init__(*self*)

BarChart(*self*, *dicScene*, *liValue*)

endChart(*self*, *scene*)

display(*self*, *prog*=`'/usr/bin/eog'`)

47.4 Class newSVG

47.4.1 Methods

__init__(*self*, *name*=`'svg'`, *height*=`600`, *width*=`800`)

add(*self*, *item*)

getXml(*self*)

write_svg(*self*, *filename*=`None`)

47.5 Class Line

47.5.1 Methods

__init__(*self*, *start*, *end*)

getXml(*self*)

47.6 Class Circle

47.6.1 Methods

__init__(*self*, *center*, *radius*, *color*)

getXml(*self*)

47.7 Class Rectangle

47.7.1 Methods

__init__(*self*, *origin*, *height*, *width*, *color*)

getXml(*self*)

47.8 Class Text

47.8.1 Methods

__init__(*self*, *origin*, *text*, *size*=24)

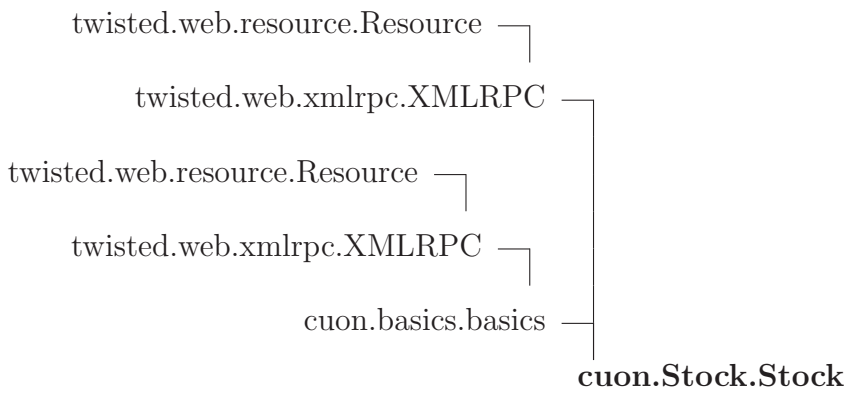
getXml(*self*)

48 Module cuon.Stock

48.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

48.2 Class Stock



48.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getArticleStockInfo(*self*, *id*, *dicUser*)

getStockAmount(*self*, *ar_id*, *dicUser*)

xmlrpc_getGoodsList1(*self*, *dicSearchlists*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDy-

namicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

48.2.2 Class Variables

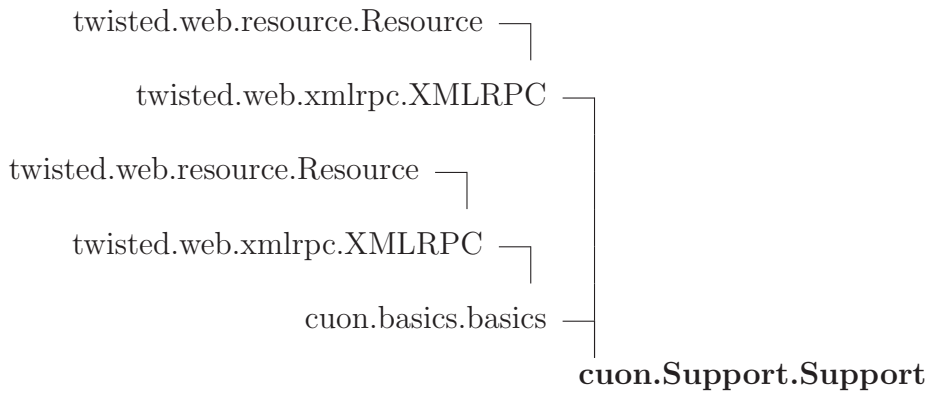
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

49 Module cuon.Support

49.1 Variables

Name	Description
__package__	**Value:** 'cuon'

49.2 Class Support



49.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getTicketComboBoxEntries(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

49.2.2 Class Variables

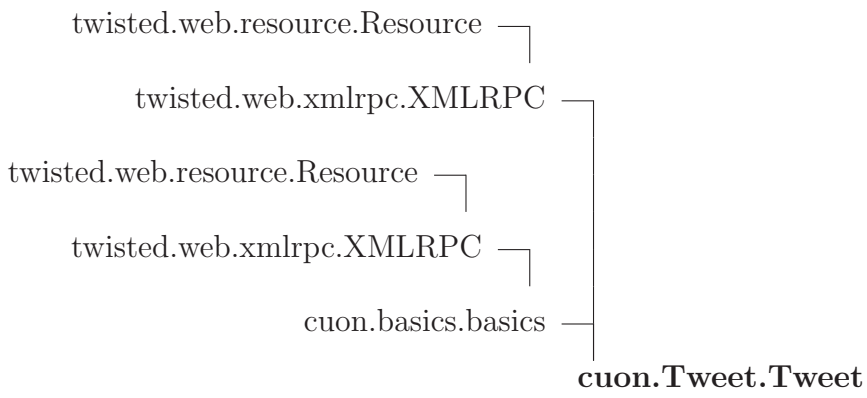
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

50 Module cuon.Tweet

50.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

50.2 Class Tweet



50.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_sendTwitterMessage(*self*, *dicUser*, *sMessage*)

xmlrpc_refreshUser(*self*, *dicUser*)

xmlrpc_refreshAll(*self*, *dicUser*)

xmlrpc_getListOfFollowers(*self*, *dicUser*)

xmlrpc_getRepliesForUser(*self*, *dicUser*)

xmlrpc_getUserMessages(*self*, *dicUser*)

xmlrpc_getDirectMessagesForUser(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

50.2.2 Class Variables

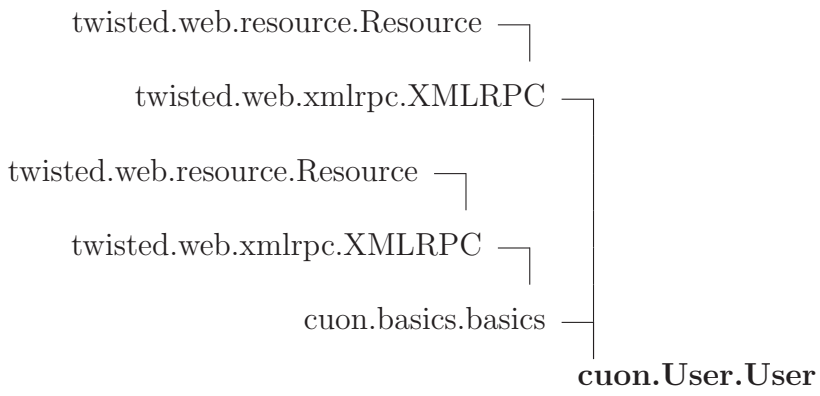
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

51 Module cuon.User

51.1 Variables

Name	Description
__package__	**Value:** `'cuon'`
__warningregistry__	**Value:** `{('the md5 module is deprecated; use hashlib instead', <t...`

51.2 Class User



51.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_getNameOfStandardProfile(*self*, *dicUser*)

xmlrpc_getStandardProfile(*self*, *sProfile*, *dicUser*)

xmlrpc_getModulList(*self*, *dicUser*)

xmlrpc_getClientInfo(*self*, *dicUser*)

xmlrpc_getDate(*self*, *dicUser*)

xmlrpc_getStaffAddressString(*self*, *dicUser*)

xmlrpc_setUserData(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

51.2.2 Class Variables

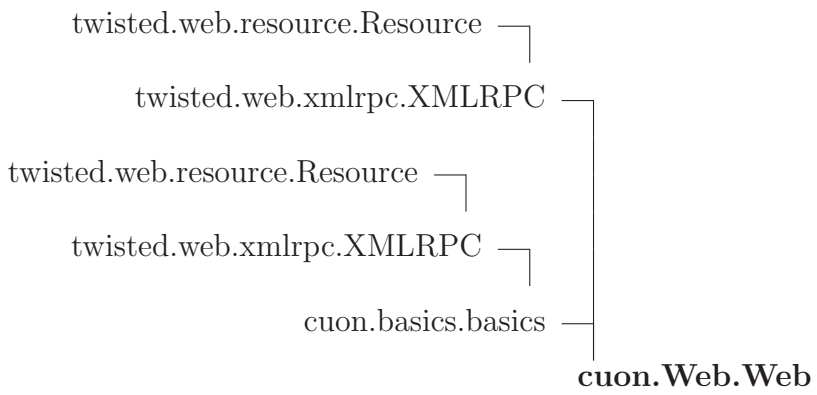
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

52 Module cuon.Web

52.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

52.2 Class Web



52.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_addCalendarEvent(*self*, *sName*, *firstRecord*, *dicUser*)

xmlrpc_updateCalendar(*self*, *liNames*, *dicData*, *dicUser*)

xmlrpc_restartServerWeb2(*self*, *dicUser*)

xmlrpc_cron_create_iCal(*self*, *sName*, *fromDate*=`None`)

xmlrpc_cron_create_iCal2(*self*, *sName*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

52.2.2 Class Variables

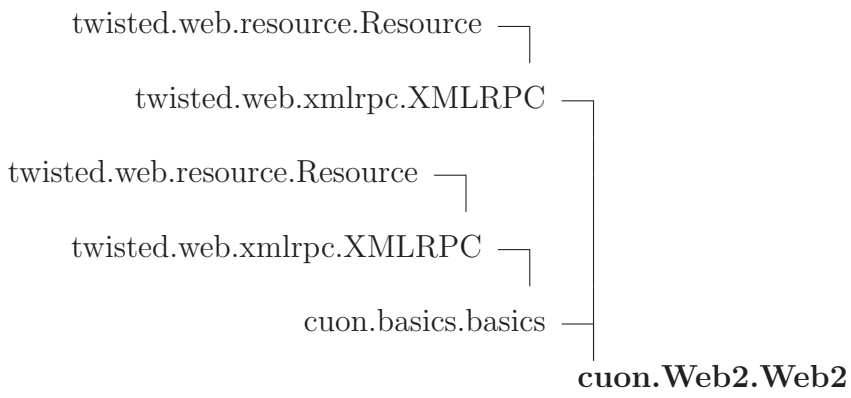
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

53 Module cuon.Web2

53.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

53.2 Class Web2



53.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

getRootElement(*self*, *iWebType*=0)

getAllSiteElementIDs(*self*, *sName*)

getImageIDs(*self*)

getFileIDs(*self*)

getSiteElementByID(*self*, *id*, *key*=0)

getLinkedStructure(*self*)

getNextSites(*self*, *sKey*)

getDirectoryStructure(*self*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

53.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

54 Module cuon.WebAI

54.1 Variables

Name	Description
__package__	**Value:** 'cuon'

54.2 Class WebAI

twisted.web.resource.Resource
  twisted.web.xmlrpc.XMLRPC
    cuon.basics.basics
      cuon.WebAI.WebAI

54.2.1 Methods

__init__(*self*)

Initialize.

Overrides: twisted.web.resource.Resource.__init__ extit(inherited documentation)

getAuthorization(*self*, *Username*, *Password*, *ClientID*)

getAnswer(*self*, *question*, *dicUser*)

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(),

out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

54.2.2 Class Variables

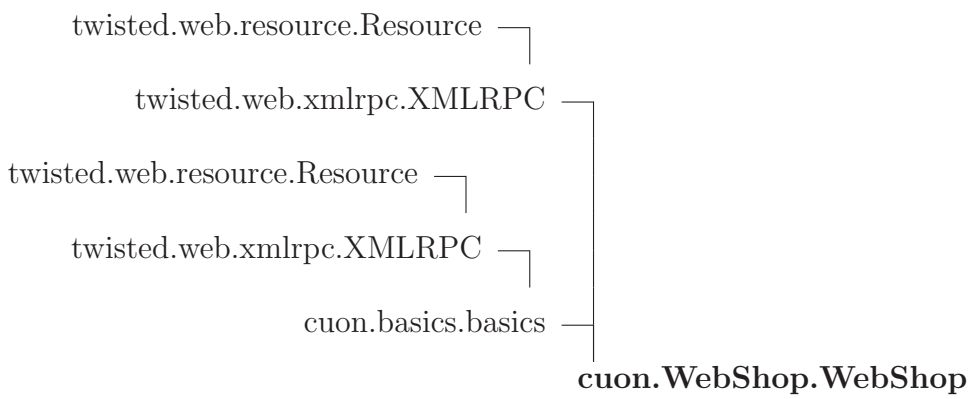
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

55 Module cuon.WebShop

55.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

55.2 Class WebShop



55.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

xmlrpc_fillValues(*self*, *sNameOfTable*, *ID*, *direction*, *dicUser*)

getTableInformation(*self*, *nameOfTable*)

loadCompleteIdsOfTable(*self*, *sTable*, *sID*, *dicUser*)

updateAddress(*self*, *dicUser*)

updateArticles(*self*, *dicUser*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

55.2.2 Class Variables

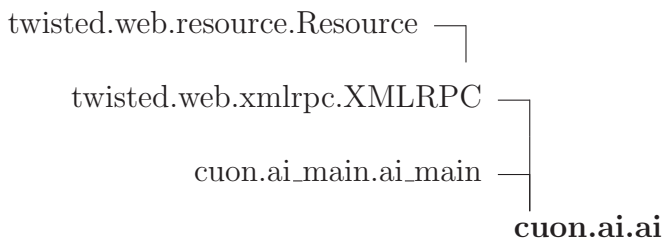
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

56 Module cuon.ai

56.1 Variables

Name	Description
__package__	**Value:** 'cuon'

56.2 Class ai



56.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.ai_main.ai_main.__init__

xmlrpc_getAnswer(*self*, *question*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.ai_main.ai_main(Section 57.2)

checkQ()

56.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

57 Module cuon.ai_main

57.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

57.2 Class ai_main

Known Subclasses: cuon.ai.ai

57.2.1 Methods

__init__(*self*)

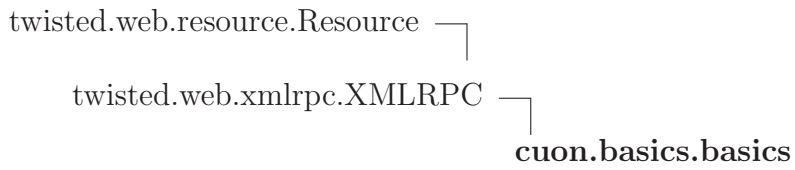
checkQ(*self*, *question*)

58 Module cuon.basics

58.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

58.2 Class basics



Known Subclasses: cuon.Address.Address, cuon.Email.cuonemail, cuon.Grave.Grave, cuon.Web.Web, cuon.WebAI.WebAI, cuon.SQL.SQL, cuon.WebShop.WebShop, cuon.Web2.Web2, cuon.Report.Report, cuon.ReportServer.ReportServer, cuon.Garden.Garden, cuon.Tweet.Tweet, cuon.Misc.Misc, cuon.Order.Order, cuon.AI.AI, cuon.iCal.iCal, cuon.Article.Article, cuon.Support.Support, cuon.User.User, cuon.Stock.Stock, cuon.Finances.Finances, cuon.Projects.Projects, cuon.Reports.report2_l

58.2.1 Methods

__init__(*self*)

Initialize.

Overrides: twisted.web.resource.Resource.__init__ extit(inherited documentation)

addDateTime(*self*, *firstRecord*)

checkBool(*self*, *value*)

checkEndTime(*self*, *fTime*)

checkType(*self*, *oType*, *sType*)

closeDB(*self*)

convertTo(*self*, *value*, *sType*)

createNewSessionID(*self*, *secValue*=42000)

decompress(*self*, *data*)

doDecode64(*self*, *data*)

formatDate(*self*, *dtDateTime*, *strFormat*='%Y-%m-%d')

getActualDateTime(*self*)

getAssociatedTable(*self*, *iNumber*)

getBeforeYears(*self*, *datepart*, *z1*)

getConfigOption(*self*, *section*, *option*, *configParser*=None)

getDateTime(*self*, *dateString*, *strFormat*='%Y-%m-%d')

getFirstDayOfMonth(*self*, *sdate*=None)

getFirstDayOfMonthAsSeconds(*self*, *sdate*=None)

getFirstLastDayOfLastMonthAsSeconds(*self*, *sdate*=None)

getFirstOfMonth(*self*, *dtDateTime*)

getFirstOfMonth2(*self*, *dtDateTime*)

getFirstOfYear(*self*, *dtDateTime*)

getIRandom(*self*, *iValue*)

getLastDayOfMonth(*self*, *sdate*=None)

getLastDayOfMonthAsSeconds(*self*, *sdate*=None)

getLastOfMonth(*self*, *dtDateTime*)

getLastOfYear(*self*, *dtDateTime*)

getNewUUID(*self*)

getNormalSqlData(*self*, *dicUser*, *braces*=`True`, *coma*=`True`)

getNow(*self*, *vSql*, *z1*, *year*=`2010`)

getNullUUID(*self*)

getParser(*self*, *sFile*)

getSeconds(*self*, *dt*)

getStaffID(*self*, *dicUser*)

getTime(*self*, *s*)

getTimeString(*self*, *s*)

getUserInfo(*self*, *dicUser*)

getWhere(*self*, *sWhere*, *dicUser*, *Single*=`0`, *Prefix*=`''`)

loadObject(*self*, *key*)

make64BitInt(*self*, *x*, *y*)

normalizeXML(*self*, *sValue*)

openDB(*self*)

out(*self*, *s*)

rebuild(*self*, *data*)

saveObject(*self*, *key*, *oValue*)

writeLog(*self*, *sLogEntry*, *debugValue*=`1`)

xmlrpc_getComboReportLists(*self*, *dicUser*, *sPattern*)

xmlrpc_testXmlrpc(*self*, *iA*=None, *iB*=None)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

58.2.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

59 Module cuon.createWebAnalysis

59.1 Variables

Name	Description
liDir	**Value:** ['webalyser_days.html', 'web_year.html', '20070707.html',...
f	**Value:** None
actualYear	**Value:** {2007: {1: {}, 2: {}, 3: {}, 4: {}, 5: {}, 6: {}, 7: {}, ...
actualSite	**Value:** ''
fDay	**Value:** open('webalyser_days.html', 'r')
s	**Value:** ''
iYear	**Value:** 2011
iMonth	**Value:** 12
iDay	**Value:** 0
iValue	**Value:** 0
lastYear	**Value:** 0
lastMonth	**Value:** 0
lastSite	**Value:** ''
liYear	**Value:** [2007, 2008, 2009, 2010, 2011]
HTML_SIDE	**Value:** open('web_year.html', 'w')
sHTML	**Value:** '<html><body>\n<H3>1 2007</H3>\n<H3>2 2007</H3>\n<H3>3 20...
__package__	**Value:** 'cuon'
fName	**Value:** '20071006.html'
liMonth	**Value:** [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]
liS	**Value:** ['</body></html>']
liSites	**Value:** []

60 Module cuon.gridxml

60.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

60.2 Class gridxml

60.2.1 Methods

__init__(*self*)

createDoc(*self*, *sDTD*=`'super_special.dtd'`, *sDTD2*=`'super_special2.dtd'`, *encoding*=`'utf-8'`, *sRoot*=`'test'`)

readXmlString(*self*, *sXml*)

dic2xml(*self*, *doc*, *liParams*, *sTag*=`None`)

getDoc2String(*self*, *doc*)

append2doc(*self*, *doc*, *dicParams*, *tag*=`None`)

xmltodict(*self*, *xmlstring*)

elementtodict(*self*, *parent*)

remove_whilespace_nodes(*self*, *node*, *unlink*=`True`)

addElement(*self*, *doc*, *sName*)

getRootNode(*self*, *doc*)

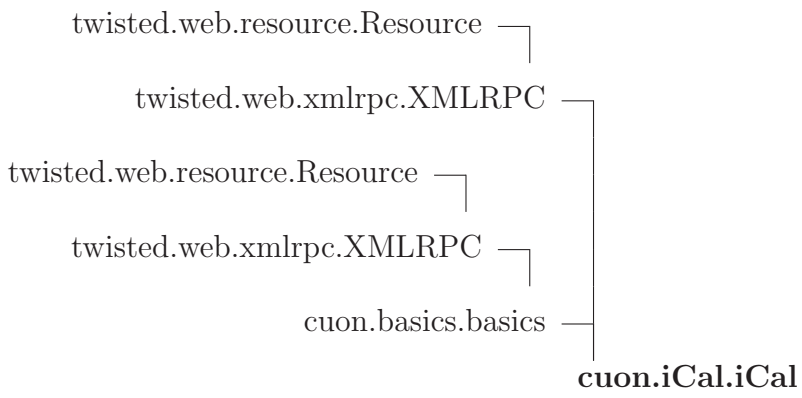
getSingleNode(*self*, *cyNode*, *cyValue*)

61 Module cuon.iCal

61.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

61.2 Class iCal



61.2.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

createUID(*self*)

getParsedDate(*self*, *sDate*)

createEvent(*self*, *dicEvent*, *UID*=`None`)

delCalendar(*self*, *sName*)

getCalendar(*self*, *sName*)

writeCalendar(*self*, *sName*, *Cal*)

readCalendar(*self*, *sName*)

setCalendarValues(*self*, *sName*, *firstRecord*, *dicUser*, *sUserKey*, *completeNew*=`False`)

addEvent(*self*, *sName*, *firstRecord*, *dicUser*, *completeNew*=`False`)

getDicCal(*self*, *firstRecord*, *dicUser*, *sUser*)

createCal(*self*)

overwriteCal(*self*, *sName*, *liRecords*, *dicUser*)

tryDecode(*self*, *s*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

61.2.2 Class Variables

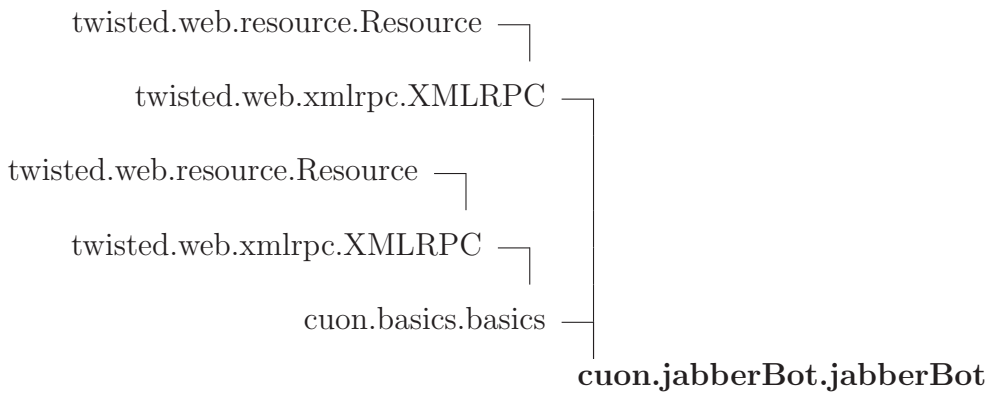
Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC	

continued on next page

Name	Description
FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

62 Module cuon.jabberBot

62.1 Class jabberBot



62.1.1 Methods

__init__(*self*)

Initialize.

Overrides: cuon.basics.basics.__init__

authd(*self*, *xmlstream*)

create_reply(*self*, *elem*)

switch the 'to' and 'from' attributes to reply to this element

send(*self*, *msg0*, *newMsg*)

gotMessage(*self*, *message*)

Inherited from twisted.web.xmlrpc.XMLRPC

getSubHandler(), getSubHandlerPrefixes(), putSubHandler(), render_POST()

Inherited from twisted.web.resource.Resource

__providedBy__(), delEntity(), getChild(), getChildForRequest(), getChildWithDefault(), getDynamicEntity(), getStaticEntity(), listDynamicEntities(), listDynamicNames(), listEntities(), listNames(), listStaticEntities(), listStaticNames(), putChild(), reallyPutEntity(), render(), render_HEAD()

Inherited from cuon.basics.basics(Section 58.2)

addDateTime(), checkBool(), checkEndTime(), checkType(), closeDB(), convertTo(), createNewSessionID(), decompress(), doDecode64(), formatDate(), getActualDateTime(), getAssociatedTable(), getBeforeYears(), getConfigOption(), getDateTime(), getFirstDayOfMonth(), getFirstDayOfMonthAsSeconds(), getFirstLastDayOfLastMonthAsSeconds(), getFirstOfMonth(), getFirstOfMonth2(), getFirstOfYear(), getIRandom(), getLastDayOfMonth(), getLastDayOfMonthAsSeconds(), getLastOfMonth(), getLastOfYear(), getNewUUID(), getNormalSqlData(), getNow(), getNullUUID(), getParser(), getSeconds(), getStaffID(), getTime(), getTimeString(), getUserInfo(), getWhere(), loadObject(), make64BitInt(), normalizeXML(), openDB(), out(), rebuild(), saveObject(), writeLog(), xmlrpc_getComboReportLists(), xmlrpc_testXmlrpc()

62.1.2 Class Variables

Name	Description
Inherited from twisted.web.xmlrpc.XMLRPC FAILURE, NOT_FOUND, allowedMethods, isLeaf, separator	
Inherited from twisted.web.resource.Resource __implemented__, __provides__, server	

63 Module cuon.simplemail

********** * Description: SimpleMail ist ein Modul zum Versenden von Emails * mit und ohne Anhaengen. * Filename: simplemail.py * Created: 2004-10-06 Gerold * License: LGPL: http://www.opensource.org/licenses/lgpl-license.php * Requirements: Python 2.3: http://www.python.org * * Einfaches Beispiel: * * from simplemail import Email * Email(* from_address = "absender@domain.at", * to_address = "empfaenger@domain.at", * subject = "Betreff", * message = "Das ist der Nachrichtentext" *).send() * * 2004-03-13 Gerold * - Umlaute in den Beschreibungen ausgebessert * - Schreibweise der Kommentare wurde so umgesetzt dass auf einfache * Art und Weise eine Uebersetzung stattfinden kann. * Erklaerung: "de" steht fuer "deutsch" * "en" steht fuer "englisch" * * 2004-04-25 Gerold * - Kleine Ausbesserungen in den Beschreibungen vorgenommen * - Einfaches Beispiel in den Beschreibungstext integriert * * 2005-08-20 Gerold * - Das Versenden von Anhaengen ermoeglicht * * 2005-09-28 Gerold * - Die Rückgabe des Befehls "sendmail()" wird in das Attribut "statusdict" * der Instanz der Klasse "Email" geschrieben. So ist es jetzt auch moeglich, * beim Versenden an mehrere Emailadressen, eine exakte Rueckmeldung ueber * den Versandstatus zu erhalten. Das Format der Rueckgabe wird unter * der Url http://www.python.org/doc/current/lib/SMTP-objects.html#l2h-3493 * genau erklaert. * * Hier ein Auszug aus dieser Erklaerung: * This method will return normally if the mail is accepted for at least * one recipient. Otherwise it will throw an exception. That is, if this * method does not throw an exception, then someone should get your mail. * If this method does not throw an exception, it returns a dictionary, * with one entry for each recipient that was refused. Each entry contains * a tuple of the SMTP error code and the accompanying error message sent * by the server. * * 2005-09-29 Gerold * - Das Format der Hilfe geaendert. * - Ab jetzt wird auch der "User-Agent" im Header mitgesendet. * Jens, danke für die Idee. * * 2005-11-11 Gerold * - Fixed: Das Versenden von Emails funktioniert jetzt auch wenn man * sich am SMTP-Server mit Benutzername und Passwort anmelden muss. * ChrisSek, danke für den Hinweis. * - Es war, glaube ich, recht lästig, dass Testemails gesendet wurden, * wenn man dieses Modul ausführte. Ich habe es so geändert, dass die * Testemails nur mehr dann gesendet werden, wenn man dieses Modul mit * dem Parameter "test" aufruft. Z.B. “python simplemail.py test“ * * 2005-12-10 Gerold * - Schlampigkeitsfehler ausgebessert. Es wurde ein Fehler gemeldet, wenn * man beim Initialisieren der Klasse Email auch den Dateinamen eines * Attachments übergeben hatte. Es war ein Unterstrich zu viel, der * Entfernt wurde. * * 2006-03-22 Gerold * - Klassen fuer CC-Empfaenger und BCC-Empfaenger hinzugefuegt. * Ab jetzt können Emails auch an CC und BCC gesendet werden. * Wie das funktioniert sieht man in der Funktion “testen()“ * * 2006-03-30 Gerold * - Reply-to (Antwort an) kann jetzt auch angegeben werden. * * 2006-05-28 Gerold * - Wortlaut des Headers "User-Agent" geändert. * - Da nicht jeder SMTP-Server das Datum automatisch zum Header hinzufügt, * wird ab jetzt das Datum beim Senden hinzugefügt. * (Karl, danke für den wichtigen Hinweis.) * 2005-06-08 Gerold * - Fehlerklassen von **SimpleMail_Exception** abgeleitet. Damit wird * bei einem Fehler jetzt auch eine aussagekräftigere Fehlermeldung * ausgegeben. Dabei habe ich auch die vertauschten Fehlermeldungen * ausgetauscht. (Rebecca, danke für die Meldung.) * - Da die Klassen **CCRe-

cipients** und **BCCRecipients** sowiso von * **Recipients** abgeleitet wurden, kann ich mir das Überschreiben * der Initialisierung (__init__) und die Angabe der Slots sparen. * **********

63.1 Variables

Name	Description
__package__	**Value:** `'cuon'`

63.2 Class SimpleMail_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.simplemail.SimpleMail_Exception

Known Subclasses: cuon.simplemail.AttachmentNotFound_Exception, cuon.simplemail.NoFromAddress
cuon.simplemail.NoSubject_Exception, cuon.simplemail.NoToAddress_Exception

SimpleMail Base-Exception

63.2.1 Methods

__str__(*self*)

str(x)
Overrides: object.__str__ extit(inherited documentation)

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

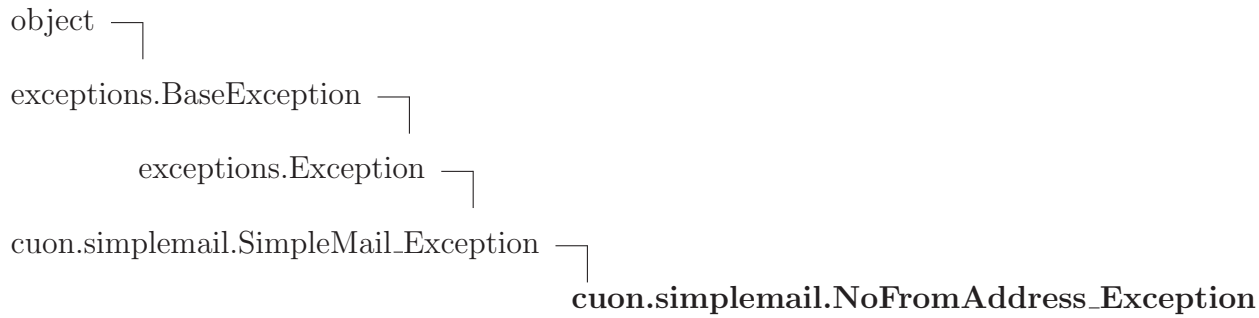
Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

63.2.2 Properties

Name	Description
Inherited from exceptions.BaseException	
args, message	
Inherited from object	
__class__	

63.3 Class NoFromAddress_Exception



en: No sender address de: Es wurde keine Absenderadresse angegeben

63.3.1 Methods

Inherited from cuon.simplemail.SimpleMail_Exception(Section 63.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

63.3.2 Properties

Name	Description
Inherited from exceptions.BaseException	
args, message	
Inherited from object	
__class__	

63.4 Class NoToAddress_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.simplemail.SimpleMail_Exception
cuon.simplemail.NoToAddress_Exception

en: No recipient address de: Es wurde keine Empfaengeradresse angegeben

63.4.1 Methods

Inherited from cuon.simplemail.SimpleMail_Exception(Section 63.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

63.4.2 Properties

Name	Description
Inherited from exceptions.BaseException	

continued on next page

Name	Description
args, message	
Inherited from object __class__	

63.5 Class NoSubject_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.simplemail.SimpleMail_Exception
cuon.simplemail.NoSubject_Exception

en: No subject de: Es wurde kein Betreff angegeben

63.5.1 Methods

Inherited from cuon.simplemail.SimpleMail_Exception(Section 63.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

63.5.2 Properties

Name	Description
Inherited from exceptions.BaseException args, message	

continued on next page

Name	Description
Inherited from object	
__class__	

63.6 Class AttachmentNotFound_Exception

object
exceptions.BaseException
exceptions.Exception
cuon.simplemail.SimpleMail_Exception
cuon.simplemail.AttachmentNotFound_Exception

en: Attachment not found de: Das uebergebene Attachment wurde nicht gefunden

63.6.1 Methods

Inherited from cuon.simplemail.SimpleMail_Exception(Section 63.2)

__str__()

Inherited from exceptions.Exception

__init__(), __new__()

Inherited from exceptions.BaseException

__delattr__(), __getattribute__(), __getitem__(), __getslice__(), __reduce__(), __repr__(), __setattr__(), __setstate__(), __unicode__()

Inherited from object

__format__(), __hash__(), __reduce_ex__(), __sizeof__(), __subclasshook__()

63.6.2 Properties

Name	Description
Inherited from exceptions.BaseException	
args, message	
Inherited from object	
__class__	

63.7 Class Attachments

object
└ **cuon.simplemail.Attachments**

de: Dieses Objekt stellt die Anhaenge einer Email dar

63.7.1 Methods

__init__(*self*)

de: Initialisiert die Anhaenge

Overrides: object.__init__

add_filename(*self*, *filename=''*)

en: Adds an attachment de: Fuegt einen neuen Anhang hinzu

count(*self*)

en: Returns the number of attachments de: Gibt die Anzahl der Anhaenge zurueck

get_list(*self*)

en: Returns the attachments, as list de: Gibt die Anhaenge als Liste zurueck

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

63.7.2 Properties

Name	Description
Inherited from object	
__class__	

63.8 Class Recipients

object
└
cuon.simplemail.Recipients

Known Subclasses: cuon.simplemail.BCCRecipients, cuon.simplemail.CCRecipients

en: This object stands for all recipients from the email de: Dieses Objekt stellt die Empfaenger einer Email dar

63.8.1 Methods

__init__(*self*)

en: Initializes the recipients de: Initialisiert die Empfaenger

Overrides: object.__init__

add(*self*, *address*, *caption*='')

```
en: Adds a new address to the list of recipients
    address = email address of the recipient
    caption = caption (name) of the recipient
de: Fuegt der Empfaengerliste eine neue Adresse hinzu.
    address = Emailadresse des Empfaengrs
    caption = Bezeichnung (Name) des Empfaengers
```

count(*self*)

en: Returns the number of recipients de: Gibt die Anzahl der Empfaenger zurueck

__repr__(*self*)

en: Returns the list of recipients, as string de: Gibt die Empfengerliste als String zurueck

Overrides: object.__repr__

get_list(*self*)

en: Returns the list of recipients, as list de: Gibt die Empfaengerliste als Liste zurueck

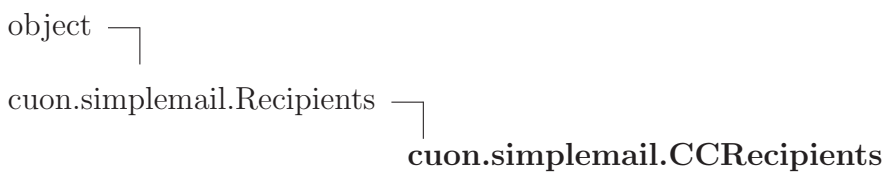
Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

63.8.2 Properties

Name	Description
Inherited from object	
__class__	

63.9 Class CCRecipients



en: This object stands for all CC-recipients from the email de: Dieses Objekt stellt die CC-Empfaenger einer Email dar

63.9.1 Methods

Inherited from cuon.simplemail.Recipients(Section 63.8)

__init__(), __repr__(), add(), count(), get_list()

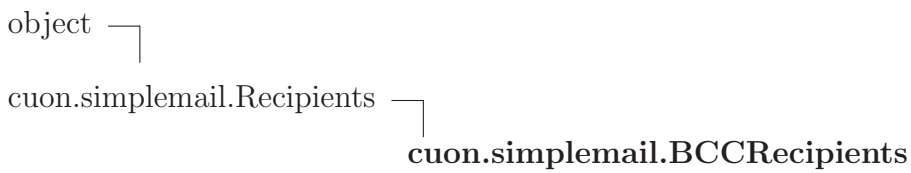
Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

63.9.2 Properties

Name	Description
Inherited from object	
__class__	

63.10 Class BCCRecipients



en: This object stands for all BCC-recipients from the email de: Dieses Objekt stellt die BCC-Empfaenger einer Email dar

63.10.1 Methods

Inherited from cuon.simplemail.Recipients(Section 63.8)

__init__(), __repr__(), add(), count(), get_list()

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

63.10.2 Properties

Name	Description
Inherited from object	
__class__	

63.11 Class Email

```
en: This Object stands for one email, which can sent with
    the method 'send'.
de: Dieses Objekt stellt eine Email dar, welche mit der
    Methode 'send' verschickt werden kann.
```

63.11.1 Methods

__init__(*self*, *from_address*='', *from_caption*='', *to_address*='', *to_caption*='', *subject*='', *message*='', *smtp_server*='localhost', *smtp_user*='', *smtp_password*='', *attachment_file*='', *user_agent*='', *reply_to_address*='', *reply_to_caption*='')

```
en: Initialize the email object
    from_address     = the email address of the sender
    from_caption     = the caption (name) of the sender
    to_address       = the email address of the recipient
    to_caption       = the caption (name) of the recipient
    subject          = the subject of the email message
    message          = the body text of the email message
    smtp_server      = the ip-address or the name of the SMTP-server
    smtp_user        = (optional) Login name for the SMTP-Server
    smtp_passwort    = (optional) Password for the SMTP-Server
    user_agent       = (optional) program identification
    reply_to_address = (optional) Reply-to email address
    reply_to_caption = (optional) Reply-to caption (name)

de: Initialisiert das Email-Objekt
    from_address     = die Emailadresse des Absenders
    from_caption     = die Beschrifung (der Name) des Absenders
    to_address       = die Emailadresse des Empfaengers
    to_caption       = die Beschriftung (der Name) des Empfaengers
    subject          = der Betreff der Emailnachricht
    message          = der Nachrichtentext
    smtp_server      = IP-Adresse oder Name des SMTP-Servers.
                       Es kann auch der Port mit ``:`` vom Server getrennt
                       angehaengt werden. (z.B. ``localhost:25``)
    smtp_user        = (optional) Benutzername zum Anmelden an den SMTP-Server
    smtp_passwort    = (optional) das Passwort zum Anmelden an den SMTP-Server
    user_agent       = (optional) Programm-Identifikation
    reply_to_address = (optional) Antwort-an Emailadresse
    reply_to_caption = (optional) Antwort-an Beschriftung (Name)
```

Overrides: object.__init__

send(*self*)

```
de: Sendet die Email an den Empfaenger.
    Wird das Email nur an einen Empfaenger gesendet, dann wird bei
    Erfolg <True> zurueck gegeben. Wird das Email an mehrere Empfaenger
    gesendet und wurde an mindestens einen der Empfaenger erfolgreich
    ausgeliefert, dann wird ebenfalls <True> zurueck gegeben.

    Wird das Email nur an einen Empfaenger gesendet, dann wird bei
    Misserfolg <False> zurueck gegeben. Wird das Email an mehrere
    Empfaenger gesendet und wurde an keinen der Empfaenger erfolgreich
    ausgeliefert, dann wird <False> zurueck gegeben.
```

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __new__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

63.11.2 Properties

Name	Description
attachments	
bcc_recipients	
cc_recipients	
content_charset	
content_subtype	
from_address	
from_caption	
header_charset	
message	
recipients	
reply_to_address	
reply_to_caption	
smtp_password	
smtp_server	
smtp_user	
statusdict	
subject	
user_agent	
Inherited from object	
__class__	

64 Module cuon.web_root

64.1 Class Image

An image consisting of a filename and some comments.

64.1.1 Methods

__**init**__(*self*, *filename*, *comments*)

64.2 Class WebRoots

64.2.1 Methods

__**init**__(*self*)

Index

cuon *(package)*, 10–11
cuon.Address *(module)*, 14–16
cuon.Address.Address *(class)*, 14–16
cuon.AI *(module)*, 12–13
cuon.AI.AI *(class)*, 12–13
cuon.ai *(module)*, 119–120
cuon.ai.ai *(class)*, 119–120
cuon.ai_main *(module)*, 121
cuon.ai_main.ai_main *(class)*, 121
cuon.Article *(module)*, 17–18
cuon.Article.Article *(class)*, 17–18
cuon.basics *(module)*, 122–125
cuon.basics.basics *(class)*, 122–125
cuon.CalendarGen *(module)*, 19–20
cuon.CalendarGen.drawCalendarPage *(function)*, 19
cuon.CalendarGen.drawGrid *(function)*, 19
cuon.CalendarGen.drawHeader *(function)*, 19
cuon.CalendarGen.loadDays *(function)*, 19
cuon.CalendarGen.run *(function)*, 19
cuon.CalendarGen.usage *(function)*, 19
cuon.createWebAnalysis *(module)*, 126
cuon.CuonFuncs *(module)*, 21
cuon.CuonFuncs.CuonFuncs *(class)*, 21
cuon.Database *(module)*, 22–25
cuon.Database.Database *(class)*, 22–25
cuon.Email *(module)*, 26–27
cuon.Email.cuonemail *(class)*, 26–27
cuon.Email2 *(module)*, 28–41
cuon.Email2.AttachmentNotFound_Exception *(class)*, 33–34
cuon.Email2.Attachments *(class)*, 34
cuon.Email2.BCCRecipients *(class)*, 37–39
cuon.Email2.CCRecipients *(class)*, 36–37
cuon.Email2.Email *(class)*, 39–41
cuon.Email2.NoFromAddress_Exception *(class)*, 30–31
cuon.Email2.NoSubject_Exception *(class)*, 32–33
cuon.Email2.NoToAddress_Exception *(class)*, 31–32
cuon.Email2.Recipients *(class)*, 34–36
cuon.Email2.SimpleMail_Exception *(class)*, 29–30
cuon.Finances *(module)*, 42–44
cuon.Finances.Finances *(class)*, 42–44
cuon.Garden *(module)*, 45–47
cuon.Garden.Garden *(class)*, 45–47
cuon.Grave *(module)*, 48–49
cuon.Grave.Grave *(class)*, 48–49
cuon.gridxml *(module)*, 127
cuon.gridxml.gridxml *(class)*, 127
cuon.iCal *(module)*, 128–130
cuon.iCal.iCal *(class)*, 128–130
cuon.jabberBot *(module)*, 131–132
cuon.jabberBot.jabberBot *(class)*, 131–132
cuon.Misc *(module)*, 50–52
cuon.Misc.Misc *(class)*, 50–52
cuon.Order *(module)*, 53–56
cuon.Order.Order *(class)*, 53–56
cuon.Projects *(module)*, 57–58
cuon.Projects.Projects *(class)*, 57–58
cuon.Report *(module)*, 59–61
cuon.Report.Report *(class)*, 59–61
cuon.Reports *(package)*, 64
cuon.Reports.MyXML *(module)*, 65–67
cuon.Reports.report *(module)*, 68–70
cuon.Reports.report2_latex *(module)*, 71–74
cuon.Reports.report_addresses_phone1 *(module)*, 75
cuon.Reports.report_addresses_phone11 *(module)*, 76
cuon.Reports.report_addresses_phone12 *(module)*, 77
cuon.Reports.report_articles_number1 *(module)*, 78
cuon.Reports.report_articles_pickles_standard

(module), 79
cuon.Reports.report_basics *(module)*, 80
cuon.Reports.report_cab_monthly *(module)*, 81
cuon.Reports.report_grave_plant_lists *(module)*, 82
cuon.Reports.report_hibernation_incoming_documents *(module)*, 83
cuon.Reports.report_hibernation_invoice *(module)*, 84
cuon.Reports.report_hibernation_outgoing_documents *(module)*, 85
cuon.Reports.report_hibernation_pickup_document *(module)*, 86
cuon.Reports.report_list_list_of_invoices *(module)*, 87
cuon.Reports.report_list_of_inpayment *(module)*, 88
cuon.Reports.report_list_of_reminder *(module)*, 89
cuon.Reports.report_list_of_residue *(module)*, 90
cuon.Reports.report_list_of_top *(module)*, 91
cuon.Reports.report_order_list_of_invoices *(module)*, 92
cuon.Reports.report_order_standard_invoice *(module)*, 93
cuon.Reports.report_order_standard_supply *(module)*, 94
cuon.Reports.report_printAddress *(module)*, 95
cuon.Reports.report_proposal_standard *(module)*, 96
cuon.Reports.report_stockgoods_number1 *(module)*, 97
cuon.Reports.standardlist *(module)*, 98
cuon.ReportServer *(module)*, 62–63
cuon.ReportServer.ReportServer *(class)*, 62–63
cuon.simplemail *(module)*, 133–144
cuon.simplemail.AttachmentNotFound_Exception *(class)*, 138–139
cuon.simplemail.Attachments *(class)*, 139
cuon.simplemail.BCCRecipients *(class)*, 141–142
cuon.simplemail.CCRecipients *(class)*, 141
cuon.simplemail.Email *(class)*, 142–144
cuon.simplemail.NoFromAddress_Exception *(class)*, 135–136
cuon.simplemail.NoSubject_Exception *(class)*, 137–138
cuon.simplemail.NoToAddress_Exception *(class)*, 136–137
cuon.simplemail.Recipients *(class)*, 139–141
cuon.simplemail.SimpleMail_Exception *(class)*, 134–135
cuon.SQL *(module)*, 99–100
cuon.SQL.SQL *(class)*, 99–100
cuon.Stock *(module)*, 103–104
cuon.Stock.Stock *(class)*, 103–104
cuon.Support *(module)*, 105–106
cuon.Support.Support *(class)*, 105–106
cuon.SVG *(module)*, 101–102
cuon.SVG.Circle *(class)*, 102
cuon.SVG.colorstr *(function)*, 101
cuon.SVG.Line *(class)*, 101–102
cuon.SVG.newSVG *(class)*, 101
cuon.SVG.Rectangle *(class)*, 102
cuon.SVG.SVG *(class)*, 101
cuon.SVG.Text *(class)*, 102
cuon.Tweet *(module)*, 107–108
cuon.Tweet.Tweet *(class)*, 107–108
cuon.User *(module)*, 109–110
cuon.User.User *(class)*, 109–110
cuon.Web *(module)*, 111–112
cuon.Web.Web *(class)*, 111–112
cuon.Web2 *(module)*, 113–114
cuon.Web2.Web2 *(class)*, 113–114
cuon.web_root *(module)*, 145
cuon.web_root.Image *(class)*, 145
cuon.web_root.WebRoots *(class)*, 145
cuon.WebAI *(module)*, 115–116
cuon.WebAI.WebAI *(class)*, 115–116
cuon.WebShop *(module)*, 117–118
cuon.WebShop.WebShop *(class)*, 117–118