Ecodena

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Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

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Ecodena.Comment.tests
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Ecodena.Compiler
Ecodena.Compiler.admin
Ecodena.Compiler.dictionary
Ecodena.Compiler.models
Ecodena.Compiler.tests
Ecodena.Compiler.views
Ecodena.Main
Ecodena.Main.models
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Ecodena.User.views															24

Chapter 2

Class Index

2.1 Class Hierarchy

This inheritance	list is sorted	d roughly,	but not con	pletely,	alphabetically	/

Ecodena.User.models.Admin
Ecodena.Attempt.models.Attempt
Ecodena.Attempt.admin.AttemptAdmin
Ecodena.Question.models.BattleQuestion
Ecodena.Comment.models.Comment
Ecodena.Comment.admin.CommentAdmin
Ecodena.Question.views.CommentForm
Ecodena.Compiler.models.Compiler
Ecodena.Compiler.models.CCompiler111
Ecodena.Compiler.models.JavaCompiler111
Ecodena.Compiler.models.CompilerVersion
Ecodena.Compiler.admin.CompilerVersionAdmin
Ecodena.Attempt.models.ErrorReport
Ecodena.Attempt.admin.ErrorReportAdmin
Ecodena.Compiler.models.Language
Ecodena.Compiler.admin.LanguageAdmin
Ecodena.Question.models.Level
Ecodena.Question.admin.LevelInline
Ecodena.Question.models.Type.Meta
Ecodena.Question.models.Level.Meta
Ecodena.Compiler.models.Language.Meta
Ecodena.Compiler.models.CompilerVersion.Meta
Ecodena.Question.models.Question.Meta
Ecodena.Attempt.models.ErrorReport.Meta
Ecodena.Question.models.TestCase.Meta
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Chapter 3

Class Index

3.1 Class List

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Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

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/home/panx/ecodena/src/Ecodena/manage.py
/home/panx/ecodena/src/Ecodena/settings.py
/home/panx/ecodena/src/Ecodena/urls.py
/home/panx/ecodena/src/Ecodena/Attempt/initpy 8
/home/panx/ecodena/src/Ecodena/Attempt/admin.py
/home/panx/ecodena/src/Ecodena/Attempt/models.py
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/home/panx/ecodena/src/Ecodena/Compiler/initpy
/home/panx/ecodena/src/Ecodena/Compiler/admin.py
/home/panx/ecodena/src/Ecodena/Compiler/dictionary.py
/home/panx/ecodena/src/Ecodena/Compiler/models.py
/home/panx/ecodena/src/Ecodena/Compiler/tests.py
/home/panx/ecodena/src/Ecodena/Compiler/views.py
/home/panx/ecodena/src/Ecodena/Main/initpy
/home/panx/ecodena/src/Ecodena/Main/models.py
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Chapter 5

Namespace Documentation

5.1 Package Ecodena

Packages

- package Attempt
- package Comment
- package Compiler
- package Main
- package manage
- package Query
- package Question
- package settings
- package urls
- package User

5.2 Package Ecodena. Attempt

Packages

- package admin
- package models
- package tests
- package views

5.3 Package Ecodena. Attempt.admin

Classes

class AttemptAdmin

• class ErrorReportAdmin

5.4 Package Ecodena. Attempt. models

Classes

- class ErrorReport
- class Attempt

5.5 Package Ecodena. Attempt.tests

Classes

class SimpleTest

5.5.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.6 Package Ecodena. Attempt. views

Classes

class SolutionForm

Functions

- · def listSolutions
- def viewSolution
- · def submitSolution
- def compileSolution

5.6.1 Function Documentation

5.6.1.1 def Ecodena. Attempt. views. compile Solution (version, solution, question)

Definition at line 65 of file views.py.

5.6.1.2 def Ecodena.Attempt.views.listSolutions (request)

Definition at line 21 of file views.py.

5.6.1.3 def Ecodena.Attempt.views.submitSolution (request)

Definition at line 40 of file views.py.

5.6.1.4 def Ecodena.Attempt.views.viewSolution (request, solutionID)

Definition at line 28 of file views.py.

5.7 Package Ecodena.Comment

Packages

- package admin
- package models
- package tests
- package views

5.8 Package Ecodena.Comment.admin

Classes

• class CommentAdmin

5.9 Package Ecodena.Comment.models

Classes

class Comment

5.10 Package Ecodena.Comment.tests

Classes

• class SimpleTest

5.10.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.11 Package Ecodena.Comment.views

5.12 Package Ecodena.Compiler

Packages

- package admin
- · package dictionary
- · package models
- · package tests
- package views

5.13 Package Ecodena.Compiler.admin

Classes

- · class LanguageAdmin
- · class CompilerVersionAdmin

5.14 Package Ecodena. Compiler. dictionary

Variables

• dictionary compilers

5.14.1 Variable Documentation

5.14.1.1 dictionary Ecodena::Compiler::dictionary.compilers

Initial value:

```
1 {
2
3 'C 1.1.1': Compiler.views.CCompile111,
4 'Java 1.1.1':Compiler.views.JavaCompile111,
5
6 }
```

Definition at line 1 of file dictionary.py.

5.15 Package Ecodena. Compiler. models

Classes

- class Language
- class CompilerVersion
- class Compiler
- class CCompiler111
- class JavaCompiler111

5.16 Package Ecodena.Compiler.tests

Classes

• class SimpleTest

5.16.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.17 Package Ecodena.Compiler.views

Functions

- def CCompile110
- def JavaCompile110

5.17.1 Function Documentation

5.17.1.1 def Ecodena.Compiler.views.CCompile110 (question, attempt)

Definition at line 3 of file views.py.

5.17.1.2 def Ecodena.Compiler.views.JavaCompile110 (question, attempt)

Definition at line 14 of file views.py.

5.18 Package Ecodena.Main

Packages

- · package models
- · package tests
- · package views

5.19 Package Ecodena.Main.models

5.20 Package Ecodena.Main.tests

Classes

• class SimpleTest

5.20.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.21 Package Ecodena. Main. views

Functions

def home

5.21.1 Function Documentation

5.21.1.1 def Ecodena.Main.views.home (request)

Definition at line 4 of file views.py.

5.22 Package Ecodena.manage

5.23 Package Ecodena. Query

Packages

- package admin
- · package models
- package tests
- package views

5.24 Package Ecodena. Query. admin

Classes

class QueryAdmin

5.25 Package Ecodena. Query. models

Classes

• class Query

5.26 Package Ecodena. Query. tests

Classes

class SimpleTest

5.26.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.27 Package Ecodena. Query. views

Classes

• class QueryForm

Functions

def postQuery

5.27.1 Function Documentation

5.27.1.1 def Ecodena.Query.views.postQuery (request)

Definition at line 15 of file views.py.

5.28 Package Ecodena. Question

Packages

- package admin
- package models
- package tests
- package views

5.29 Package Ecodena.Question.admin

Classes

- class TypeInline
- class LevelInline
- class QuestionAdmin

5.30 Package Ecodena. Question. models

Classes

- class Level
- class Type
- class Question
- class BattleQuestion
- class TestCase

5.31 Package Ecodena. Question.tests

Classes

• class SimpleTest

5.31.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.32 Package Ecodena. Question. views

Classes

class CommentForm

Functions

- def test
- def listQuestions
- · def viewQuestionByID

5.32.1 Function Documentation

5.32.1.1 def Ecodena.Question.views.listQuestions (request)

Definition at line 18 of file views.py.

5.32.1.2 def Ecodena.Question.views.test (request)

Definition at line 14 of file views.py.

5.32.1.3 def Ecodena.Question.views.viewQuestionByID (request, questionID)

Definition at line 22 of file views.py.

5.33 Package Ecodena.settings

Variables

- DEBUG = True
- TEMPLATE DEBUG = DEBUG
- tuple ADMINS
- MANAGERS = ADMINS
- dictionary DATABASES
- string TIME ZONE = 'America/Chicago'

- string LANGUAGE CODE = 'en-us'
- int SITE ID = 1
- USE I18N = True
- USE L10N = True
- string MEDIA ROOT = "
- string MEDIA_URL = "
- string STATIC ROOT = "
- string STATIC URL = '/static/'
- string ADMIN_MEDIA_PREFIX = '/static/admin/'
- tuple STATICFILES_DIRS
- tuple STATICFILES FINDERS
- string SECRET_KEY = $ik!*n\&!9$t9sp61=vq(%t^{(k@yz70^{=*y=i2kmxtpi!4+88gyhl')})$
- tuple TEMPLATE_LOADERS
- tuple MIDDLEWARE CLASSES
- string ROOT URLCONF = 'Ecodena.urls'
- tuple TEMPLATE_DIRS
- tuple INSTALLED_APPS
- string AUTH_PROFILE_MODULE = 'Ecodena.User.Profile'
- dictionary LOGGING

5.33.1 Variable Documentation

5.33.1.1 string Ecodena::settings.ADMIN MEDIA PREFIX = '/static/admin/'

Definition at line 68 of file settings.py.

5.33.1.2 tuple Ecodena::settings.ADMINS

Initial value:

```
1 (
2     # ('Pankaj Bhambhani', 'pankajb64@gmail.com'),
3 )
```

Definition at line 6 of file settings.py.

5.33.1.3 string Ecodena::settings.AUTH_PROFILE_MODULE = 'Ecodena.User.Profile'

Definition at line 139 of file settings.py.

5.33.1.4 dictionary Ecodena::settings.DATABASES

Initial value:

```
1 {
      'default': {
2.
          'ENGINE': 'django.db.backends.postgresql_psycopg2', # Add 'postgresql_psy
3
      copg2', 'postgresql', 'mysql', 'sqlite3' or 'oracle'.
         'NAME': '200901032',
4
                                                      # Or path to database file if u
     sing sqlite3.
         'USER': '200901032',
5
                                                      # Not used with sqlite3.
        'PASSWORD': '9328200656',
'HOST': '10.100.71.21',
6
                                                        # Not used with sqlite3.
7
                                                          # Set to empty string for lo
     calhost. Not used with sqlite3.
        'PORT': '5432',
8
                                                # Set to empty string for default. N
     ot used with sqlite3.
9
10 }
```

Definition at line 12 of file settings.py.

5.33.1.5 Ecodena::settings.DEBUG = True

Definition at line 3 of file settings.py.

5.33.1.6 tuple Ecodena::settings.INSTALLED_APPS

Initial value:

```
1 (
      'django.contrib.auth',
2.
      'django.contrib.contenttypes',
3
      'django.contrib.sessions',
     'django.contrib.sites',
5
     'django.contrib.messages',
     'django.contrib.staticfiles',
     'Ecodena.User',
8
9
     'Ecodena.Question',
      'Ecodena.Attempt',
10
      'Ecodena.Comment',
11
      'Ecodena.Query',
12
      'Ecodena.Compiler',
1.3
14
      # Uncomment the next line to enable the admin:
15
      'django.contrib.admin',
       # Uncomment the next line to enable admin documentation:
16
17
       'django.contrib.admindocs',
18)
```

Definition at line 120 of file settings.py.

5.33.1.7 string Ecodena::settings.LANGUAGE_CODE = 'en-us'

Definition at line 34 of file settings.py.

5.33.1.8 dictionary Ecodena::settings.LOGGING

Initial value:

```
1 {
      'version': 1,
2
3
      'disable_existing_loggers': False,
      'handlers': {
4
5
          'mail_admins': {
6
              'level': 'ERROR',
              'class': 'django.utils.log.AdminEmailHandler'
7
8
9
     10
11
           'django.request': {
               'handlers': ['mail_admins'],
'level': 'ERROR',
12
13
14
               'propagate': True,
15
          },
16
       }
17 }
```

Definition at line 146 of file settings.py.

5.33.1.9 Ecodena::settings.MANAGERS = ADMINS

Definition at line 10 of file settings.py.

```
5.33.1.10 string Ecodena::settings.MEDIA_ROOT = "
```

Definition at line 48 of file settings.py.

```
5.33.1.11 string Ecodena::settings.MEDIA_URL = "
```

Definition at line 53 of file settings.py.

5.33.1.12 tuple Ecodena::settings.MIDDLEWARE CLASSES

Initial value:

Definition at line 95 of file settings.py.

5.33.1.13 string Ecodena::settings.ROOT_URLCONF = 'Ecodena.urls'

Definition at line 105 of file settings.py.

```
5.33.1.14 string Ecodena::settings.SECRET_KEY = 'k!*n&!9$t9sp61=vq(%t^(k@yz7o^=*y=i2kmxtpi!4+88gyhl'
```

Definition at line 86 of file settings.py.

```
5.33.1.15 int Ecodena::settings.SITE_ID = 1
```

Definition at line 36 of file settings.py.

```
5.33.1.16 string Ecodena::settings.STATIC_ROOT = "
```

Definition at line 59 of file settings.py.

```
5.33.1.17 string Ecodena::settings.STATIC_URL = '/static/'
```

Definition at line 63 of file settings.py.

5.33.1.18 tuple Ecodena::settings.STATICFILES DIRS

Initial value:

```
1 (
2  # Put strings here, like "/home/html/static" or "C:/www/django/static".
3  # Always use forward slashes, even on Windows.
4  # Don't forget to use absolute paths, not relative paths.
5 )
```

Definition at line 71 of file settings.py.

5.33.1.19 tuple Ecodena::settings.STATICFILES_FINDERS

Initial value:

```
1 (
2    'django.contrib.staticfiles.finders.FileSystemFinder',
3    'django.contrib.staticfiles.finders.AppDirectoriesFinder',
4 #    'django.contrib.staticfiles.finders.DefaultStorageFinder',
5 )
```

Definition at line 79 of file settings.py.

5.33.1.20 Ecodena::settings.TEMPLATE_DEBUG = DEBUG

Definition at line 4 of file settings.py.

5.33.1.21 tuple Ecodena::settings.TEMPLATE DIRS

Initial value:

```
1 (
2
      # Put strings here, like "/home/html/django_templates" or "C:/www/django/temp
     lates".
3
      # Always use forward slashes, even on Windows.
4
     # Don't forget to use absolute paths, not relative paths.
5
         'Main/Template',
          'Question/Template',
          'Query/Template',
7
         'Attempt/Template'
8
9)
```

Definition at line 107 of file settings.py.

5.33.1.22 tuple Ecodena::settings.TEMPLATE LOADERS

Initial value:

```
1 (
2    'django.template.loaders.filesystem.Loader',
3    'django.template.loaders.app_directories.Loader',
4 #    'django.template.loaders.eggs.Loader',
5 )
```

Definition at line 89 of file settings.py.

```
5.33.1.23 string Ecodena::settings.TIME ZONE = 'America/Chicago'
```

Definition at line 30 of file settings.py.

```
5.33.1.24 Ecodena::settings.USE_I18N = True
```

Definition at line 40 of file settings.py.

```
5.33.1.25 Ecodena::settings.USE_L10N = True
```

Definition at line 44 of file settings.py.

5.34 Package Ecodena.urls

Variables

· tuple urlpatterns

5.34.1 Variable Documentation

5.34.1.1 tuple Ecodena::urls.urlpatterns

Initial value:

```
1 patterns ('',
2 # Examples:
         url(r'^$', 'Ecodena.Main.views.home', name='home'),
         # url(r'^Ecodena/', include('Ecodena.foo.urls')),
          # Uncomment the admin/doc line below to enable admin documentation:
          url(r'^admin/doc/', include('django.contrib.admindocs.urls')),
          # Uncomment the next line to enable the admin:
10
          url(r'^admin/', include(admin.site.urls)),
11
12
          #url(r'^test/$', 'Ecodena.Question.views.test'),
13
14
          url(r'^questions/\$', 'Ecodena.Question.views.listQuestions'),
          url(r'^postQuery/$', 'Ecodena.Query.views.postQuery'),
15
16
          url(r'^questions/(?P<questionID>[0-9]+)/$', 'Ecodena.Question.views.viewQ
     uestionByID'),
          url(r'^submitSolution$', 'Ecodena.Attempt.views.submitSolution'),
17
18
           #url(r'^profile/',Ecodena.User.views.viewProfile),
           #url(r'^profile/?P<profileID>[0-9]+$',Ecodena.User.views.viewProfileByID)
19
20
           #url(r'^profile/edit/',Ecodena.User.views.editProfile),
           url(r'^solutions/$','Ecodena.Attempt.views.listSolutions'),
21
           url(r'^solutions/(?P<solutionID>[0-9]+)$','Ecodena.Attempt.views.viewSolu
22
      tion')
2.3
```

Definition at line 7 of file urls.py.

5.35 Package Ecodena. User

Packages

- package admin
- package models
- package tests
- · package views

5.36 Package Ecodena. User. admin

Classes

· class ProfileAdmin

5.37 Package Ecodena. User. models

Classes

- class Admin
- class Programmer
- class Profile

5.38 Package Ecodena. User. tests

Classes

• class SimpleTest

5.38.1 Detailed Description

This file demonstrates writing tests using the unittest module. These will pass when you run "manage.py test".

Replace this with more appropriate tests for your application.

5.39 Package Ecodena. User. views

Chapter 6

Class Documentation

6.1 Ecodena. User. models. Admin Class Reference

Inherits User.

Public Member Functions

def resolveQuery

6.1.1 Detailed Description

Definition at line 56 of file models.py.

6.1.2 Member Function Documentation

6.1.2.1 def Ecodena.User.models.Admin.resolveQuery (self, queryID, solution)

Definition at line 58 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/User/models.py

6.2 Ecodena. Attempt.models. Attempt Class Reference

Classes

• class Meta

Public Member Functions

- def getAttemptID
- · def setAttemptID
- def isCorrect
- · def setStatus
- def getTimeOfSubmission
- def setTimeOfSubmission
- · def getUserID
- def setUserID
- def getErrorReportID
- def setErrorReportID
- def getSolution
- · def setSolution
- · def getQuestionID
- def setQuestionID
- def unicode

Public Attributes

- · attemptID_f
- · status f
- · timeOfSubmission_f
- userID f
- · errorReportID_f
- solution_f
- · questionID_f

Static Public Attributes

- tuple attemptID_f = models.AutoField(primary_key=True)
- tuple questionID_f = models.ForeignKey(Question, verbose_name="Question", null=False)
- tuple userID f = models.ForeignKey(User, verbose name="User ID", null=False)
- tuple solution_f = models.TextField("Solution uploaded by the User", null=False)
- tuple errorReportID_f = models.ForeignKey(ErrorReport,verbose_name="Error Report for the Solution", null=True)
- tuple status_f = models.BooleanField("Status of attempt true = right, false = wrong", blank=True, default=False)
- tuple timeOfSubmission_f = models.DateTimeField("Time of Submission", null=False)

Properties

- attemptID = property(getAttemptID,setAttemptID)
- status = property(isCorrect, setStatus)
- timeOfSubmission = property(getTimeOfSubmission,setTimeOfSubmission)
- userID = property(getUserID,setUserID)
- errorReportID = property(getErrorReportID,setErrorReportID)
- solutionText = property(getSolution,setSolution)
- questionID = property(getQuestionID,setQuestionID)

6.2.1 Detailed Description

Definition at line 61 of file models.py.

6.2.2 Member Function Documentation

6.2.2.1 def Ecodena.Attempt.models.Attempt.__unicode__ (self)

Definition at line 123 of file models.py.

6.2.2.2 def Ecodena.Attempt.models.Attempt.getAttemptID (self)

Definition at line 71 of file models.py.

6.2.2.3 def Ecodena.Attempt.models.Attempt.getErrorReportID (self)

Definition at line 99 of file models.py.

 ${\it 6.2.2.4} \quad {\it def \ Ecodena. Attempt. models. Attempt. get Question ID\ (} \quad {\it self\ })$

Definition at line 112 of file models.py.

6.2.2.5 def Ecodena.Attempt.models.Attempt.getSolution (self)

Definition at line 105 of file models.py.

6.2.2.6 def Ecodena.Attempt.models.Attempt.getTimeOfSubmission (self)

Definition at line 85 of file models.py.

6.2.2.7 def Ecodena.Attempt.models.Attempt.getUserID (self)

Definition at line 92 of file models.py.

6.2.2.8 def Ecodena.Attempt.models.Attempt.isCorrect (self)

Definition at line 78 of file models.py.

6.2.2.9 def Ecodena.Attempt.models.Attempt.setAttemptID (self, alD)

Definition at line 73 of file models.py.

6.2.2.10 def Ecodena.Attempt.models.Attempt.setErrorReportID (self, reportID)

Definition at line 101 of file models.py.

6.2.2.11 def Ecodena.Attempt.models.Attempt.setQuestionID (self, qID)

Definition at line 114 of file models.py.

6.2.2.12 def Ecodena.Attempt.models.Attempt.setSolution (self, sol)

Definition at line 107 of file models.py.

6.2.2.13 def Ecodena.Attempt.models.Attempt.setStatus (self, status)

Definition at line 80 of file models.py.

6.2.2.14 def Ecodena.Attempt.models.Attempt.setTimeOfSubmission (self, time)

Definition at line 87 of file models.py.

6.2.2.15 def Ecodena.Attempt.models.Attempt.setUserID (self, uID)

Definition at line 94 of file models.py.

6.2.3 Member Data Documentation

Definition at line 62 of file models.py.

6.2.3.2 Ecodena.Attempt.models.Attempt.attemptID_f

Definition at line 73 of file models.py.

Definition at line 66 of file models.py.

6.2.3.4 Ecodena.Attempt.models.Attempt.errorReportID f

Definition at line 101 of file models.py.

Definition at line 63 of file models.py.

6.2.3.6 Ecodena.Attempt.models.Attempt.questionID_f

Definition at line 114 of file models.py.

6.2.3.7 tuple Ecodena.Attempt.models.Attempt.solution_f = models.TextField("Solution uploaded by the User", null=False) [static]

Definition at line 65 of file models.py.

6.2.3.8 Ecodena. Attempt. models. Attempt. solution f

Definition at line 107 of file models.py.

6.2.3.9 Ecodena.Attempt.models.Attempt.status_f

Definition at line 80 of file models.py.

Definition at line 67 of file models.py.

6.2.3.11 tuple Ecodena.Attempt.models.Attempt.timeOfSubmission_f = models.DateTimeField("Time of Submission", null=False) [static]

Definition at line 68 of file models.py.

6.2.3.12 Ecodena. Attempt. models. Attempt. time Of Submission f

Definition at line 87 of file models.py.

6.2.3.13 Ecodena.Attempt.models.Attempt.userID_f

Definition at line 94 of file models.py.

6.2.3.14 tuple Ecodena.Attempt.models.Attempt.userID_f = models.ForeignKey(User, verbose_name="User ID", null=False) [static]

Definition at line 64 of file models.py.

6.2.4 Property Documentation

6.2.4.1 Ecodena.Attempt.models.Attempt.attemptID = property(getAttemptID,setAttemptID) [static]

Definition at line 75 of file models.py.

6.2.4.2 Ecodena.Attempt.models.Attempt.errorReportID = property(getErrorReportID,setErrorReportID) [static]

Definition at line 103 of file models.py.

6.2.4.3 Ecodena.Attempt.models.Attempt.questionID = property(getQuestionID,setQuestionID) [static]

Definition at line 117 of file models.py.

6.2.4.4 Ecodena.Attempt.models.Attempt.solutionText = property(getSolution,setSolution)[static]

Definition at line 110 of file models.py.

6.2.4.5 Ecodena.Attempt.models.Attempt.status = property(isCorrect, setStatus) [static]

Definition at line 82 of file models.py.

Definition at line 89 of file models.py.

6.2.4.7 Ecodena.Attempt.models.Attempt.userID = property(getUserID,setUserID)[static]

Definition at line 96 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/models.py

6.3 Ecodena. Attempt.admin. AttemptAdmin Class Reference

Static Public Attributes

tuple list_display = ('attemptID_f', 'questionID_f', 'userID', 'solution_f', 'errorReportID', 'status_f', 'timeOfSubmission')

6.3.1 Detailed Description

Definition at line 5 of file admin.py.

6.3.2 Member Data Documentation

Definition at line 6 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/admin.py

6.4 Ecodena. Question. models. Battle Question Class Reference

6.4.1 Detailed Description

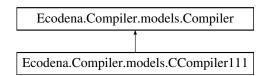
Definition at line 95 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Question/models.py

6.5 Ecodena. Compiler. models. CCompiler 111 Class Reference

Inheritance diagram for Ecodena. Compiler. models. CCompiler 111:



Public Member Functions

• def compile

6.5.1 Detailed Description

Definition at line 99 of file models.py.

6.5.2 Member Function Documentation

6.5.2.1 def Ecodena.Compiler.models.CCompiler111.compile (self)

Reimplemented from Ecodena.Compiler.models.Compiler.

Definition at line 101 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Compiler/models.py

6.6 Ecodena.Comment.models.Comment Class Reference

Classes

• class Meta

Public Member Functions

- def getCommentText
- def setCommentText
- def getTimeStamp
- def setTimeStamp
- · def isReported
- def report

- def getUserID
- def setUserID
- def getReportingUserID
- · def setReportingUserID
- def getQuestionID
- · def setQuestionID
- def unicode

Public Attributes

- · commentText f
- · timeStamp f
- · isReported f
- userID f
- · reportingUserID_f
- · questionID_f

Static Public Attributes

- tuple commentID_f = models.AutoField(primary_key=True)
- tuple commentText_f = models.TextField("The Body of the Comment", null=False)
- tuple isReported_f = models.BooleanField("Is the comment Reported?", default=False)
- tuple userID_f = models.ForeignKey(User, verbose_name="User ID", null=False, related_name='+')
- tuple reportingUserID_f = models.ForeignKey(User, verbose_name="User who reported this comment", blank=True, null=True)
- tuple questionID_f = models.ForeignKey(Question, verbose_name="Question ID", null=False)
- tuple timeStamp_f = models.DateTimeField("Time of Posting", null=False)

Properties

- commentText = property(getCommentText, setCommentText)
- timeStamp = property(getTimeStamp, setTimeStamp)
- isReported = property(isReported, report)
- userID = property(getUserID, setUserID)
- reportingUserID = property(getReportingUserID, setReportingUserID)
- questionID = property(getQuestionID, setQuestionID)

6.6.1 Detailed Description

Definition at line 8 of file models.py.

```
6.6.2 Member Function Documentation
6.6.2.1 def Ecodena.Comment.models.Comment._unicode__ ( self )
Definition at line 69 of file models.py.
6.6.2.2 def Ecodena.Comment.models.Comment.getCommentText ( self )
Definition at line 18 of file models.py.
6.6.2.3 def Ecodena.Comment.models.Comment.getQuestionID ( self )
Definition at line 59 of file models.py.
6.6.2.4 def Ecodena.Comment.models.Comment.getReportingUserID ( self )
Definition at line 50 of file models.py.
6.6.2.5 def Ecodena.Comment.models.Comment.getTimeStamp ( self )
Definition at line 26 of file models.py.
6.6.2.6 def Ecodena.Comment.models.Comment.getUserID ( self )
Definition at line 43 of file models.py.
6.6.2.7 def Ecodena.Comment.models.Comment.isReported ( self )
Definition at line 34 of file models.py.
6.6.2.8 def Ecodena.Comment.models.Comment.report ( self, status )
Definition at line 38 of file models.py.
6.6.2.9 def Ecodena.Comment.models.Comment.setCommentText ( self, comment )
Definition at line 20 of file models.py.
6.6.2.10 def Ecodena.Comment.models.Comment.setQuestionID ( self, qID )
```

Definition at line 61 of file models.py.

6.6 Ecodena.Comment.models.Comment Class Reference 6.6.2.11 def Ecodena.Comment.models.Comment.setReportingUserID (self, rulD) Definition at line 52 of file models.py. 6.6.2.12 def Ecodena.Comment.models.Comment.setTimeStamp (self, Timestamp) Definition at line 28 of file models.py. 6.6.2.13 def Ecodena.Comment.models.Comment.setUserID (self, uID) Definition at line 45 of file models.py. 6.6.3 **Member Data Documentation** 6.6.3.1 tuple Ecodena.Comment.models.Comment.commentID f = models.AutoField(primary_key=True) [static] Definition at line 9 of file models.py. 6.6.3.2 tuple Ecodena.Comment.models.Comment.commentText_f = models.TextField("The Body of the Comment", null=False) [static] Definition at line 10 of file models.py. 6.6.3.3 Ecodena.Comment.models.Comment.commentText_f

Definition at line 20 of file models.py.

6.6.3.4 Ecodena.Comment.models.Comment.isReported f

Definition at line 38 of file models.py.

6.6.3.5 tuple Ecodena.Comment.models.Comment.isReported_f = models.BooleanField("Is the comment Reported ?", default=False) [static]

Definition at line 11 of file models.py.

6.6.3.6 Ecodena.Comment.models.Comment.questionID_f

Definition at line 61 of file models.py.

Definition at line 14 of file models.py.

6.6.3.8 Ecodena.Comment.models.Comment.reportingUserID_f

Definition at line 52 of file models.py.

Definition at line 13 of file models.py.

6.6.3.10 tuple Ecodena.Comment.models.Comment.timeStamp_f = models.DateTimeField("Time of Posting", null=False) [static]

Definition at line 15 of file models.py.

6.6.3.11 Ecodena.Comment.models.Comment.timeStamp_f

Definition at line 28 of file models.py.

Definition at line 12 of file models.py.

 $6.6.3.13 \quad \textbf{Ecodena.Comment.models.Comment.userID_f}$

Definition at line 45 of file models.py.

- 6.6.4 Property Documentation
- 6.6.4.1 Ecodena.Comment.models.Comment.commentText = property(getCommentText, setCommentText) [static]

Definition at line 22 of file models.py.

6.6.4.2 Ecodena.Comment.models.Comment.isReported = property(isReported, report)

Definition at line 41 of file models.py.

6.6.4.3 Ecodena.Comment.models.Comment.questionID = property(getQuestionID, setQuestionID) [static]

Definition at line 63 of file models.py.

6.6.4.4 Ecodena.Comment.models.Comment.reportingUserID = property(getReportingUserID, setReportingUserID) [static]

Definition at line 55 of file models.py.

6.6.4.5 Ecodena.Comment.models.Comment.timeStamp = property(getTimeStamp, setTimeStamp) [static]

Definition at line 30 of file models.py.

6.6.4.6 Ecodena.Comment.models.Comment.userID = property(getUserID, setUserID) [static]

Definition at line 47 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Comment/models.py

6.7 Ecodena.Comment.admin.CommentAdmin Class Reference

Static Public Attributes

• tuple list_display = ('commentID_f', 'commentText', 'userID', 'isReported_f', 'reportingUserID', 'questionID', 'timeStamp')

6.7.1 Detailed Description

Definition at line 4 of file admin.py.

6.7.2 Member Data Documentation

Definition at line 5 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Comment/admin.py

6.8 Ecodena. Question. views. Comment Form Class Reference

Static Public Attributes

• tuple text = forms.CharField(widget=forms.Textarea)

6.8.1 Detailed Description

Definition at line 10 of file views.py.

6.8.2 Member Data Documentation

6.8.2.1 tuple Ecodena.Question.views.CommentForm.text = forms.CharField(widget=forms.Textarea) [static]

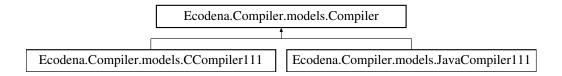
Definition at line 11 of file views.py.

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

/home/panx/ecodena/src/Ecodena/Question/views.py

6.9 Ecodena.Compiler.models.Compiler Class Reference

Inheritance diagram for Ecodena. Compiler. models. Compiler:



Public Member Functions

· def getLanguage

- def setLanguage
- · def getCompilerVersion
- def setCompilerVersion
- def getQuestion
- def setQuestion
- def getAttempt
- def setAttempt
- def compile
- · def generateErrorReport

Static Public Attributes

- string language = ""
- string compilerVersion = ""
- question = None
- attempt = None
- errorReport = None

Properties

- language = property(getLanguage,setLanguage)
- CompilerVersion = property(getCompilerVersion,setCompilerVersion)

6.9.1 Detailed Description

Definition at line 60 of file models.py.

6.9.2 Member Function Documentation

6.9.2.1 def Ecodena.Compiler.models.Compiler.compile (self)

 $Reimplemented\ in\ Ecodena. Compiler. models. CCompiler 111,\ and\ Ecodena. Compiler. models. Java Compiler 111.$

Definition at line 93 of file models.py.

 ${\it 6.9.2.2} \quad {\it def \ Ecoden a. Compiler. models. Compiler. generate Error Report \left(\begin{array}{c} \textit{self} \end{array} \right)}$

Definition at line 96 of file models.py.

6.9.2.3 def Ecodena.Compiler.models.Compiler.getAttempt (self)

Definition at line 87 of file models.py.

6.9.2.4 def Ecodena.Compiler.models.Compiler.getCompilerVersion (self) Definition at line 75 of file models.py. 6.9.2.5 def Ecodena.Compiler.models.Compiler.getLanguage (self) Definition at line 69 of file models.py. 6.9.2.6 def Ecodena.Compiler.models.Compiler.getQuestion (self) Definition at line 81 of file models.py. 6.9.2.7 def Ecodena.Compiler.models.Compiler.setAttempt (self, attempt) Definition at line 89 of file models.py. 6.9.2.8 def Ecodena.Compiler.models.Compiler.setCompilerVersion (self, text) Definition at line 77 of file models.py. 6.9.2.9 def Ecodena.Compiler.models.Compiler.setLanguage (self, text) Definition at line 71 of file models.py. 6.9.2.10 def Ecodena.Compiler.models.Compiler.setQuestion (self, question) Definition at line 83 of file models.py. 6.9.3 Member Data Documentation 6.9.3.1 Ecodena.Compiler.models.Compiler.attempt = None [static] Definition at line 65 of file models.py. 6.9.3.2 string Ecodena.Compiler.models.Compiler.compilerVersion = "" [static] Definition at line 63 of file models.py. **6.9.3.3 Ecodena.Compiler.models.Compiler.errorReport = None** [static]

Definition at line 66 of file models.py.

6.9.3.4 string Ecodena.Compiler.models.Compiler.language = "" [static]

Definition at line 62 of file models.py.

6.9.3.5 Ecodena.Compiler.models.Compiler.question = None [static]

Definition at line 64 of file models.py.

6.9.4 Property Documentation

6.9.4.1 Ecodena.Compiler.models.Compiler.CompilerVersion = property(getCompilerVersion,setCompilerVersion) [static]

Definition at line 79 of file models.py.

6.9.4.2 Ecodena.Compiler.models.Compiler.language = property(getLanguage,setLanguage) [static]

Definition at line 73 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Compiler/models.py

6.10 Ecodena.Compiler.models.CompilerVersion Class Reference

Classes

• class Meta

Public Member Functions

- def getVersionName
- def setVersionName
- def getLanguage
- def setLanguage
- def languageName
- def __unicode__

Public Attributes

- · versionName f
- language_f

Static Public Attributes

- tuple versionID_f = models.AutoField(primary_key=True)
- tuple versionName_f = models.CharField("Version Name (Code or Number)", max_length=40, null=False)
- tuple language_f = models.ForeignKey(Language, verbose_name="Language of Compilation", null=False)

Properties

- versionName = property(getVersionName, setVersionName)
- language = property(getLanguage, setLanguage)

6.10.1 Detailed Description

Definition at line 28 of file models.py.

6.10.2 Member Function Documentation

6.10.2.1 def Ecodena.Compiler.models.CompilerVersion.__unicode__ (self)

Definition at line 56 of file models.py.

6.10.2.2 def Ecodena.Compiler.models.CompilerVersion.getLanguage (self)

Definition at line 41 of file models.py.

6.10.2.3 def Ecodena.Compiler.models.CompilerVersion.getVersionName (self)

Definition at line 33 of file models.py.

6.10.2.4 def Ecodena.Compiler.models.CompilerVersion.languageName (self)

Definition at line 49 of file models.py.

6.10.2.5 def Ecodena.Compiler.models.CompilerVersion.setLanguage (self, language)

Definition at line 44 of file models.py.

6.10.2.6 def Ecodena.Compiler.models.CompilerVersion.setVersionName (self, versionName)

Definition at line 36 of file models.py.

6.10.3 Member Data Documentation

6.10.3.1 tuple Ecodena.Compiler.models.CompilerVersion.language_f = models.ForeignKey(Language, verbose_name="Language of Compilation", null=False) [static]

Definition at line 31 of file models.py.

6.10.3.2 Ecodena.Compiler.models.CompilerVersion.language f

Definition at line 44 of file models.py.

6.10.3.3 tuple Ecodena.Compiler.models.CompilerVersion.versionID_f = models.AutoField(primary_key=True) [static]

Definition at line 29 of file models.py.

6.10.3.4 Ecodena.Compiler.models.CompilerVersion.versionName f

Definition at line 36 of file models.py.

6.10.3.5 tuple Ecodena.Compiler.models.CompilerVersion.versionName_f = models.CharField("Version Name (Code or Number)", max_length=40, null=False)
[static]

Definition at line 30 of file models.py.

6.10.4 Property Documentation

6.10.4.1 Ecodena.Compiler.models.CompilerVersion.language = property(getLanguage, setLanguage) [static]

Definition at line 47 of file models.py.

6.10.4.2 Ecodena.Compiler.models.CompilerVersion.versionName = property(getVersionName, setVersionName) [static]

Definition at line 39 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Compiler/models.py

6.11 Ecodena.Compiler.admin.CompilerVersionAdmin Class Reference

Static Public Attributes

tuple list_display = ('versionName_f', 'languageName')

6.11.1 Detailed Description

Definition at line 8 of file admin.py.

6.11.2 Member Data Documentation

Definition at line 10 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Compiler/admin.py

6.12 Ecodena. Attempt. models. Error Report Class Reference

Classes

• class Meta

Public Member Functions

- def getTimeRequirement
- · def setTimeRequirement
- def getMemory
- def setMemory
- def getErrorType
- def setErrorType
- def getErrorMessage
- · def setErrorMessage
- def getTestCaseLevel
- def setTestCaseLevel
- def __unicode__

Public Attributes

- · timeRequirement f
- · memory f
- errorType f
- · errorMessage f
- · testCaseLevel f

Static Public Attributes

- tuple errorReportID_f = models.AutoField(primary_key=True)
- tuple timeRequirement_f = models.FloatField("Time Required for compiling")
- tuple memory_f = models.FloatField("Memory Requirement")
- tuple ERROR_TYPE = ((0,'Correct Answer'),(1,'Compilation Error'),(2,'Run Time Error'),(3,'Time limit Exceeded'),(4,'Memory Limit Exceeded'),(5,'Wrong Answer'))
- tuple errorType_f = models.CharField(max_length = 40, choices=ERROR_TYPE,verbose_name="Types of Errors")
- tuple errorMessage_f = models.TextField("Error Message generated")
- tuple testCaseLevel_f = models.CharField(max_length=40, choices=TestCase.CASE_-TYPE, verbose_name="Test Case Level where error occured (Select High if solution is correct)")

Properties

- timeRequirement = property(getTimeRequirement,setTimeRequirement)
- memory = property(getMemory,setMemory)
- errorType = property(getErrorType,setErrorType)
- errorMessage = property(getErrorMessage,setErrorMessage)
- testCaseLevel = property(getTestCaseLevel,setTestCaseLevel)

6.12.1 Detailed Description

Definition at line 9 of file models.py.

6.12.2 Member Function Documentation

6.12.2.1 def Ecodena.Attempt.models.ErrorReport.__unicode__ (self)

Definition at line 57 of file models.py.

6.12.2.2 def Ecodena.Attempt.models.ErrorReport.getErrorMessage (self)

Definition at line 40 of file models.py.

6.12.2.3 def Ecodena.Attempt.models.ErrorReport.getErrorType (self)

Definition at line 33 of file models.py.

6.12.2.4 def Ecodena.Attempt.models.ErrorReport.getMemory (self)

Definition at line 26 of file models.py.

6.12.2.5 def Ecodena.Attempt.models.ErrorReport.getTestCaseLevel (self)

Definition at line 47 of file models.py.

6.12.2.6 def Ecodena.Attempt.models.ErrorReport.getTimeRequirement (self)

Definition at line 19 of file models.py.

6.12.2.7 def Ecodena.Attempt.models.ErrorReport.setErrorMessage (self, message)

Definition at line 42 of file models.py.

6.12.2.8 def Ecodena.Attempt.models.ErrorReport.setErrorType (self, type)

Definition at line 35 of file models.py.

6.12.2.9 def Ecodena.Attempt.models.ErrorReport.setMemory (self, memory)

Definition at line 28 of file models.py.

6.12.2.10 def Ecodena.Attempt.models.ErrorReport.setTestCaseLevel (self, level)

Definition at line 49 of file models.py.

6.12.2.11 def Ecodena.Attempt.models.ErrorReport.setTimeRequirement (self, time)

Definition at line 21 of file models.py.

6.12.3 Member Data Documentation

6.12.3.1 tuple Ecodena.Attempt.models.ErrorReport.ERROR_TYPE = ((0,'Correct Answer'),(1,'Compilation Error'),(2,'Run Time Error'),(3,'Time limit Exceeded'),(4,'Memory Limit Exceeded'),(5,'Wrong Answer')) [static]

Definition at line 13 of file models.py.

6.12.3.2 Ecodena.Attempt.models.ErrorReport.errorMessage f

Definition at line 42 of file models.py.

6.12.3.3 tuple Ecodena.Attempt.models.ErrorReport.errorMessage_f = models.TextField("Error Message generated") [static]

Definition at line 15 of file models.py.

6.12.3.4 tuple Ecodena.Attempt.models.ErrorReport.errorReportID_f = models.AutoField(primary_key=True) [static]

Definition at line 10 of file models.py.

6.12.3.5 Ecodena.Attempt.models.ErrorReport.errorType_f

Definition at line 35 of file models.py.

Definition at line 14 of file models.py.

6.12.3.7 Ecodena.Attempt.models.ErrorReport.memory_f

Definition at line 28 of file models.py.

6.12.3.8 tuple Ecodena.Attempt.models.ErrorReport.memory_f = models.FloatField("Memory Requirement") [static]

Definition at line 12 of file models.py.

6.12.3.9 Ecodena.Attempt.models.ErrorReport.testCaseLevel_f

Definition at line 49 of file models.py.

6.12.3.10 tuple Ecodena.Attempt.models.ErrorReport.testCaseLevel_f = models.CharField(max_length=40, choices=TestCase.CASE_TYPE, verbose_name="Test Case Level where error occured (Select High if solution is correct)") [static]

Definition at line 16 of file models.py.

6.12.3.11 Ecodena.Attempt.models.ErrorReport.timeRequirement_f

Definition at line 21 of file models.py.

6.12.3.12 tuple Ecodena.Attempt.models.ErrorReport.timeRequirement_f = models.FloatField("Time Required for compiling") [static]

Definition at line 11 of file models.py.

6.12.4 Property Documentation

6.12.4.1 Ecodena.Attempt.models.ErrorReport.errorMessage = property(getErrorMessage,setErrorMessage) [static]

Definition at line 44 of file models.py.

6.12.4.2 Ecodena.Attempt.models.ErrorReport.errorType = property(getErrorType,setErrorType) [static]

Definition at line 37 of file models.py.

6.12.4.3 Ecodena.Attempt.models.ErrorReport.memory = property(getMemory,setMemory) [static]

Definition at line 30 of file models.py.

6.12.4.4 Ecodena.Attempt.models.ErrorReport.testCaseLevel = property(getTestCaseLevel,setTestCaseLevel) [static]

Definition at line 51 of file models.py.

6.12.4.5 Ecodena.Attempt.models.ErrorReport.timeRequirement = property(getTimeRequirement,setTimeRequirement) [static]

Definition at line 23 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/models.py

6.13 Ecodena. Attempt.admin. Error Report Admin Class Reference

Static Public Attributes

tuple list_display = ('errorReportID_f', 'timeRequirement_f', 'memory_f', 'errorType_f', 'errorMessage_f', 'testCaseLevel_f')

6.13.1 Detailed Description

Definition at line 10 of file admin.py.

6.13.2 Member Data Documentation

```
6.13.2.1 tuple Ecodena.Attempt.admin.ErrorReportAdmin.list_display = ('errorReportID_f', 'timeRequirement_f', 'memory_f', 'errorType_f', 'errorMessage_f', 'testCaseLevel_f') [static]
```

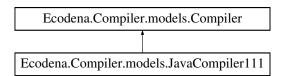
Definition at line 11 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/admin.py

6.14 Ecodena. Compiler. models. Java Compiler 111 Class Reference

Inheritance diagram for Ecodena. Compiler. models. Java Compiler 111:



Public Member Functions

· def compile

6.14.1 Detailed Description

Definition at line 104 of file models.py.

6.14.2 Member Function Documentation

6.14.2.1 def Ecodena.Compiler.models.JavaCompiler111.compile (self)

Reimplemented from Ecodena.Compiler.models.Compiler.

Definition at line 105 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Compiler/models.py

6.15 Ecodena.Compiler.models.Language Class Reference

Classes

class Meta

Public Member Functions

- def getLanguageName
- · def setLanguageName
- def unicode

Public Attributes

· languageName_f

Static Public Attributes

- tuple languageID_f = models.AutoField(primary_key=True)
- tuple languageName_f = models.CharField("Language Name", max_length=40, null=False, unique=True)

Properties

• languageName = property(getLanguageName, setLanguageName)

6.15.1 Detailed Description

Definition at line 5 of file models.py.

6.15.2 Member Function Documentation

6.15.2.1 def Ecodena.Compiler.models.Language.__unicode__ (self)

Definition at line 22 of file models.py.

6.15.2.2 def Ecodena.Compiler.models.Language.getLanguageName (self)

Definition at line 10 of file models.py.

6.15.2.3 def Ecodena.Compiler.models.Language.setLanguageName (self, languageName)

Definition at line 13 of file models.py.

6.15.3 Member Data Documentation

6.15.3.1 tuple Ecodena.Compiler.models.Language.languageID_f = models.AutoField(primary_key=True) [static]

Definition at line 7 of file models.py.

6.15.3.2 Ecodena.Compiler.models.Language.languageName_f

Definition at line 13 of file models.py.

6.15.3.3 tuple Ecodena.Compiler.models.Language.languageName_f = models.CharField("Language Name", max_length=40, null=False, unique=True) [static]

Definition at line 8 of file models.py.

6.15.4 Property Documentation

6.15.4.1 Ecodena.Compiler.models.Language.languageName = property(getLanguageName, setLanguageName) [static]

Definition at line 16 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Compiler/models.py

6.16 Ecodena. Compiler. admin. Language Admin Class Reference

Static Public Attributes

• list list_display = ['languageName_f']

6.16.1 Detailed Description

Definition at line 4 of file admin.py.

6.16.2 Member Data Documentation

```
6.16.2.1 list Ecodena.Compiler.admin.LanguageAdmin.list_display = ['languageName_f'] [static]
```

Definition at line 5 of file admin.py.

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

· /home/panx/ecodena/src/Ecodena/Compiler/admin.py

6.17 Ecodena. Question. models. Level Class Reference

Classes

• class Meta

Public Member Functions

- · def getLevelName
- def setLevelName
- def __unicode__

Public Attributes

• levelName_f

Static Public Attributes

- tuple levelID_f = models.AutoField(primary_key=True)
- tuple levelName_f = models.CharField("Level Name", max_length = 20 , null = False, unique=True)

Properties

• levelName = property(getLevelName, setLevelName)

6.17.1 Detailed Description

Definition at line 7 of file models.py.

6.17.2 Member Function Documentation

6.17.2.1 def Ecodena.Question.models.Level.__unicode__ (self)

Definition at line 23 of file models.py.

6.17.2.2 def Ecodena.Question.models.Level.getLevelName (self)

Definition at line 11 of file models.py.

6.17.2.3 def Ecodena.Question.models.Level.setLevelName (self, Iname)

Definition at line 14 of file models.py.

6.17.3 Member Data Documentation

6.17.3.1 tuple Ecodena.Question.models.Level.levelID_f = models.AutoField(primary_key=True) [static]

Definition at line 8 of file models.py.

6.17.3.2 Ecodena.Question.models.Level.levelName_f

Definition at line 14 of file models.py.

6.17.3.3 tuple Ecodena.Question.models.Level.levelName_f = models.CharField("Level Name", max_length = 20 , null = False, unique=True) [static]

Definition at line 9 of file models.py.

6.17.4 Property Documentation

6.17.4.1 Ecodena.Question.models.Level.levelName = property(getLevelName, setLevelName) [static]

Definition at line 17 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Question/models.py

6.18 Ecodena. Question. admin. LevelInline Class Reference

Static Public Attributes

- model = Level
- int extra = 2

6.18.1 Detailed Description

Definition at line 10 of file admin.py.

6.18.2 Member Data Documentation

6.18.2.1 int Ecodena.Question.admin.LevelInline.extra = 2 [static]

Definition at line 12 of file admin.py.

6.18.2.2 Ecodena.Question.admin.LevelInline.model = Level [static]

Definition at line 11 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Question/admin.py

6.19 Ecodena. Question. models. Type. Meta Class Reference

Static Public Attributes

- string verbose_name = 'type'
- string verbose_name_plural = 'types'

6.19.1 Detailed Description

Definition at line 32 of file models.py.

6.19.2 Member Data Documentation

6.19.2.1 string Ecodena.Question.models.Type.Meta.verbose_name = 'type'
[static]

Definition at line 33 of file models.py.

6.19.2.2 string Ecodena.Question.models.Type.Meta.verbose_name_plural = 'types' [static]

Definition at line 34 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Question/models.py

6.20 Ecodena. Question. models. Level. Meta Class Reference

Static Public Attributes

- string verbose name = 'level'
- string verbose_name_plural = 'levels'

6.20.1 Detailed Description

Definition at line 19 of file models.py.

6.20.2 Member Data Documentation

6.20.2.1 string Ecodena.Question.models.Level.Meta.verbose_name = 'level' [static]

Definition at line 20 of file models.py.

6.20.2.2 string Ecodena.Question.models.Level.Meta.verbose_name_plural = 'levels' [static]

Definition at line 21 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Question/models.py

6.21 Ecodena.Compiler.models.Language.Meta Class Reference

Static Public Attributes

- string verbose_name = 'language'
- string verbose_name_plural = 'languages'

6.21.1 Detailed Description

Definition at line 18 of file models.py.

6.21.2 Member Data Documentation

6.21.2.1 string Ecodena.Compiler.models.Language.Meta.verbose_name = 'language' [static]

Definition at line 19 of file models.py.

6.21.2.2 string Ecodena.Compiler.models.Language.Meta.verbose_name_plural = 'languages' [static]

Definition at line 20 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Compiler/models.py

6.22 Ecodena.Compiler.models.CompilerVersion.Meta Class Reference

Static Public Attributes

- string verbose_name = 'compiler version'
- string verbose_name_plural = 'compiler versions'

6.22.1 Detailed Description

Definition at line 52 of file models.py.

6.22.2 Member Data Documentation

6.22.2.1 string Ecodena.Compiler.models.CompilerVersion.Meta.verbose_name = 'compiler version' [static]

Definition at line 53 of file models.py.

6.22.2.2 string Ecodena.Compiler.models.CompilerVersion.Meta.verbose_name_-plural = 'compiler versions' [static]

Definition at line 54 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Compiler/models.py

6.23 Ecodena. Question. models. Question. Meta Class Reference

Static Public Attributes

- string verbose_name = 'question'
- string verbose_name_plural = 'questions'

6.23.1 Detailed Description

Definition at line 87 of file models.py.

6.23.2 Member Data Documentation

6.23.2.1 string Ecodena.Question.models.Question.Meta.verbose_name = 'question' [static]

Definition at line 88 of file models.py.

6.23.2.2 string Ecodena.Question.models.Question.Meta.verbose_name_plural = 'questions' [static]

Definition at line 89 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Question/models.py

6.24 Ecodena. Attempt. models. Error Report. Meta Class Reference

Static Public Attributes

- string verbose_name = 'error report'
- string verbose_name_plural = 'error reports'

6.24.1 Detailed Description

Definition at line 53 of file models.py.

6.24.2 Member Data Documentation

6.24.2.1 string Ecodena.Attempt.models.ErrorReport.Meta.verbose_name = 'error report' [static]

Definition at line 54 of file models.py.

6.24.2.2 string Ecodena.Attempt.models.ErrorReport.Meta.verbose_name_plural = 'error reports' [static]

Definition at line 55 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/models.py

6.25 Ecodena. Question. models. Test Case. Meta Class Reference

Static Public Attributes

- string verbose_name = 'test case'
- string verbose_name_plural = 'test cases'

6.25.1 Detailed Description

Definition at line 133 of file models.py.

6.25.2 Member Data Documentation

6.25.2.1 string Ecodena.Question.models.TestCase.Meta.verbose_name = 'test case' [static]

Definition at line 134 of file models.py.

6.25.2.2 string Ecodena.Question.models.TestCase.Meta.verbose_name_plural = 'test cases' [static]

Definition at line 135 of file models.py.

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

· /home/panx/ecodena/src/Ecodena/Question/models.py

6.26 Ecodena, Comment, models, Comment, Meta Class Reference

Static Public Attributes

- string verbose_name = 'comment'
- string verbose name plural = 'comments'

6.26.1 Detailed Description

Definition at line 65 of file models.py.

6.26.2 Member Data Documentation

6.26.2.1 string Ecodena.Comment.models.Comment.Meta.verbose_name = 'comment' [static]

Definition at line 66 of file models.py.

6.26.2.2 string Ecodena.Comment.models.Comment.Meta.verbose_name_plural = 'comments' [static]

Definition at line 67 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Comment/models.py

6.27 Ecodena. Attempt. models. Attempt. Meta Class Reference

Static Public Attributes

- string verbose_name = 'attempt'
- string verbose_name_plural = 'attempts'

6.27.1 Detailed Description

Definition at line 119 of file models.py.

6.27.2 Member Data Documentation

6.27.2.1 string Ecodena.Attempt.models.Attempt.Meta.verbose_name = 'attempt' [static]

Definition at line 120 of file models.py.

6.27.2.2 string Ecodena.Attempt.models.Attempt.Meta.verbose_name_plural = 'attempts' [static]

Definition at line 121 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/models.py

6.28 Ecodena. Query. models. Query. Meta Class Reference

Static Public Attributes

- string verbose_name = 'query'
- string verbose_name_plural = 'queries'

6.28.1 Detailed Description

Definition at line 71 of file models.py.

6.28.2 Member Data Documentation

6.28.2.1 string Ecodena.Query.models.Query.Meta.verbose_name = 'query' [static]

Definition at line 72 of file models.py.

6.28.2.2 string Ecodena.Query.models.Query.Meta.verbose_name_plural = 'queries' [static]

Definition at line 73 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Query/models.py

6.29 Ecodena. User. models. Profile Class Reference

Static Public Attributes

- tuple profileID_f = models.AutoField(primary_key=True)
- tuple dob f = models.DateField("User Birth Date")
- tuple address_f = models.TextField("User Address")
- tuple GENDER_TYPE = ((0, 'Male'), (1, 'Female'))
- tuple gender_f = models.SmallIntegerField(choices=GENDER_TYPE, verbose_name="Gender")
- tuple userID_f = models.ForeignKey(User, verbose_name="User ID of user whose profile is this", null=False, unique=True)
- tuple isProgrammer_f = models.BooleanField("Is a Programmer", default=True)
- tuple isAdmin_f = models.BooleanField("Is Administrator", default=False)
- tuple numberOfAttempts_f = models.IntegerField("Number of Attempts")

6.29.1 Detailed Description

Definition at line 97 of file models.py.

6.29.2 Member Data Documentation

Definition at line 101 of file models.py.

```
6.29.2.2 tuple Ecodena.User.models.Profile.dob_f = models.DateField("User Birth Date") [static]
```

Definition at line 100 of file models.py.

Definition at line 103 of file models.py.

```
6.29.2.4 tuple Ecodena.User.models.Profile.GENDER_TYPE = ( (0, 'Male'), (1, 'Female')) [static]
```

Definition at line 102 of file models.py.

6.29.2.5 tuple Ecodena.User.models.Profile.isAdmin_f = models.BooleanField("Is Administrator", default=False) [static]

Definition at line 106 of file models.py.

6.29.2.6 tuple Ecodena.User.models.Profile.isProgrammer_f = models.BooleanField("Is a Programmer", default=True) [static]

Definition at line 105 of file models.py.

6.29.2.7 tuple Ecodena.User.models.Profile.numberOfAttempts_f = models.IntegerField("Number of Attempts") [static]

Definition at line 107 of file models.py.

Definition at line 98 of file models.py.

6.29.2.9 tuple Ecodena.User.models.Profile.userID_f = models.ForeignKey(User, verbose_name="User ID of user whose profile is this", null=False, unique=True) [static]

Definition at line 104 of file models.py.

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

/home/panx/ecodena/src/Ecodena/User/models.py

6.30 Ecodena. User. admin. Profile Admin Class Reference

Static Public Attributes

tuple list_display = ('profileID_f', 'dob_f', 'address_f', 'gender_f', 'userID_f', 'isProgrammer_f', 'isAdmin_f', 'numberOfAttempts_f')

6.30.1 Detailed Description

Definition at line 9 of file admin.py.

6.30.2 Member Data Documentation

```
6.30.2.1 tuple Ecodena.User.admin.ProfileAdmin.list_display = ('profileID_f', 'dob_f', 'address_f', 'gender_f', 'userID_f', 'isProgrammer_f', 'isAdmin_f', 'numberOfAttempts_f')

[static]
```

Definition at line 10 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/User/admin.py

6.31 Ecodena. User. models. Programmer Class Reference

Inherits User.

Public Member Functions

- · def getLevel
- def setLevel

Public Attributes

· level f

Static Public Attributes

• tuple level_f = models.CharField("Level of User", max_length=20, null=False)

Properties

• level = property(getLevel,setLevel)

6.31.1 Detailed Description

Definition at line 87 of file models.py.

6.31.2 Member Function Documentation

6.31.2.1 def Ecodena.User.models.Programmer.getLevel ()

Definition at line 90 of file models.py.

6.31.2.2 def Ecodena.User.models.Programmer.setLevel (level)

Definition at line 92 of file models.py.

6.31.3 Member Data Documentation

6.31.3.1 tuple Ecodena.User.models.Programmer.level_f = models.CharField("Level of User", max_length=20, null=False) [static]

Definition at line 88 of file models.py.

6.31.3.2 Ecodena.User.models.Programmer.level_f

Definition at line 92 of file models.py.

6.31.4 Property Documentation

6.31.4.1 Ecodena.User.models.Programmer.level = property(getLevel,setLevel) [static]

Definition at line 94 of file models.py.

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

/home/panx/ecodena/src/Ecodena/User/models.py

6.32 Ecodena. Query. models. Query Class Reference

Classes

• class Meta

Public Member Functions

- def getQueryText
- def setQueryText
- def getQueryID
- def setQueryID
- · def getSolution
- def setSolution
- def getQueryTime
- def setQueryTime
- def getReplyTime
- def setReplyTime
- · def getUserID

- def setUserID
- def getAdminID
- def setAdminID
- def unicode

Public Attributes

- queryText_f
- queryID_f
- solution_f
- queryTime f
- replyTime_f
- · userID f
- · adminID f

Static Public Attributes

- tuple queryID_f = models.AutoField(primary_key=True)
- tuple queryText_f = models.TextField("The Text explaining the Query", null=False)
- tuple solution_f = models.TextField("The Solution of the Query", blank=True)
- tuple userID_f = models.ForeignKey(User, verbose_name="User ID of user posting the query", null=False, related_name='+')
- tuple adminID_f = models.ForeignKey(User, verbose_name="User ID of admin resolving the query", related_name='+', blank=True, null=True)
- tuple queryTime f = models.DateTimeField("Time of posting Query", null=False)
- tuple replyTime_f = models.DateTimeField("Time of resolving Query", blank=True, null=True)

Properties

- queryText = property(getQueryText, setQueryText)
- queryID = property(getQueryID, setQueryID)
- solution = property(getSolution, setSolution)
- queryTime = property(getQueryTime, setQueryTime)
- replyTime = property(getReplyTime, setReplyTime)
- userID = property(getUserID, setUserID)
- adminID = property(getAdminID, setAdminID)

6.32.1 Detailed Description

Definition at line 7 of file models.py.

```
6.32.2 Member Function Documentation
6.32.2.1 def Ecodena.Query.models.Query._unicode_ ( self )
Definition at line 75 of file models.py.
6.32.2.2 def Ecodena.Query.models.Query.getAdminID ( self )
Definition at line 64 of file models.py.
6.32.2.3 def Ecodena.Query.models.Query.getQueryID ( self )
Definition at line 24 of file models.py.
6.32.2.4 def Ecodena.Query.models.Query.getQueryText ( self )
Definition at line 17 of file models.py.
6.32.2.5 def Ecodena.Query.models.Query.getQueryTime ( self )
Definition at line 38 of file models.py.
6.32.2.6 def Ecodena.Query.models.Query.getReplyTime ( self )
Definition at line 49 of file models.py.
6.32.2.7 def Ecodena.Query.models.Query.getSolution ( self )
Definition at line 31 of file models.py.
6.32.2.8 def Ecodena.Query.models.Query.getUserID ( self )
Definition at line 57 of file models.py.
6.32.2.9 def Ecodena.Query.models.Query.setAdminID ( self, alD )
Definition at line 66 of file models.py.
```

6.32.2.10 def Ecodena.Query.models.Query.setQueryID (self, qID)

Definition at line 26 of file models.py.

6.32.2.11 def Ecodena.Query.models.Query.setQueryText (self, text)

Definition at line 19 of file models.py.

6.32.2.12 def Ecodena.Query.models.Query.setQueryTime (self, Timestamp)

Definition at line 40 of file models.py.

6.32.2.13 def Ecodena.Query.models.Query.setReplyTime (self, Timestamp)

Definition at line 51 of file models.py.

6.32.2.14 def Ecodena.Query.models.Query.setSolution (self, code)

Definition at line 33 of file models.py.

6.32.2.15 def Ecodena.Query.models.Query.setUserID (self, uID)

Definition at line 59 of file models.py.

6.32.3 Member Data Documentation

6.32.3.1 tuple Ecodena.Query.models.Query.adminID_f = models.ForeignKey(User, verbose_name="User ID of admin resolving the query", related_name='+', blank=True, null=True) [static]

Definition at line 12 of file models.py.

6.32.3.2 Ecodena.Query.models.Query.adminID f

Definition at line 66 of file models.py.

6.32.3.3 tuple Ecodena.Query.models.Query.queryID_f = models.AutoField(primary_key=True) [static]

Definition at line 8 of file models.py.

6.32.3.4 Ecodena.Query.models.Query.queryID_f

Definition at line 26 of file models.py.

6.32.3.5 Ecodena.Query.models.Query.queryText_f

Definition at line 19 of file models.py.

6.32.3.6 tuple Ecodena.Query.models.Query.queryText_f = models.TextField("The Text explaining the Query", null=False) [static]

Definition at line 9 of file models.py.

6.32.3.7 Ecodena.Query.models.Query.queryTime_f

Definition at line 40 of file models.py.

6.32.3.8 tuple Ecodena.Query.models.Query.queryTime_f = models.DateTimeField("Time of posting Query", null=False) [static]

Definition at line 13 of file models.py.

6.32.3.9 tuple Ecodena.Query.models.Query.replyTime_f = models.DateTimeField("Time of resolving Query", blank=True, null=True) [static]

Definition at line 14 of file models.py.

6.32.3.10 Ecodena.Query.models.Query.replyTime_f

Definition at line 51 of file models.py.

6.32.3.11 Ecodena.Query.models.Query.solution_f

Definition at line 33 of file models.py.

6.32.3.12 tuple Ecodena.Query.models.Query.solution_f = models.TextField("The Solution of the Query", blank=True) [static]

Definition at line 10 of file models.py.

6.32.3.13 tuple Ecodena.Query.models.Query.userID_f = models.ForeignKey(User, verbose_name="User ID of user posting the query", null=False, related_name='+') [static]

Definition at line 11 of file models.py.

6.32.3.14 Ecodena.Query.models.Query.userID_f

Definition at line 59 of file models.py.

6.32.4 Property Documentation

6.32.4.1 Ecodena.Query.models.Query.adminID = property(getAdminID, setAdminID) [static]

Definition at line 68 of file models.py.

6.32.4.2 Ecodena.Query.models.Query.queryID = property(getQueryID, setQueryID) [static]

Definition at line 28 of file models.py.

6.32.4.3 Ecodena.Query.models.Query.queryText = property(getQueryText, setQueryText) [static]

Definition at line 21 of file models.py.

6.32.4.4 Ecodena.Query.models.Query.queryTime = property(getQueryTime, setQueryTime) [static]

Definition at line 45 of file models.py.

6.32.4.5 Ecodena.Query.models.Query.replyTime = property(getReplyTime, setReplyTime) [static]

Definition at line 54 of file models.py.

6.32.4.6 Ecodena.Query.models.Query.solution = property(getSolution, setSolution) [static]

Definition at line 35 of file models.py.

6.32.4.7 Ecodena.Query.models.Query.userID = property(getUserID, setUserID) [static]

Definition at line 61 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Query/models.py

6.33 Ecodena. Query. admin. Query Admin Class Reference

Static Public Attributes

tuple list_display = ('queryID', 'queryText', 'userID', 'queryTime', 'solution', 'adminID', 'replyTime')

6.33.1 Detailed Description

Definition at line 4 of file admin.py.

6.33.2 Member Data Documentation

```
6.33.2.1 tuple Ecodena.Query.admin.QueryAdmin.list_display = ('queryID', 'queryText', 'userID', 'queryTime', 'solution', 'adminID', 'replyTime') [static]
```

Definition at line 5 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Query/admin.py

6.34 Ecodena. Query. views. Query Form Class Reference

Static Public Attributes

• tuple text = forms.CharField(widget=forms.Textarea)

6.34.1 Detailed Description

Definition at line 10 of file views.py.

6.34.2 Member Data Documentation

6.34.2.1 tuple Ecodena.Query.views.QueryForm.text = forms.CharField(widget=forms.Textarea) [static]

Definition at line 11 of file views.py.

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

/home/panx/ecodena/src/Ecodena/Query/views.py

6.35 Ecodena. Question. models. Question Class Reference

Classes

· class Meta

Public Member Functions

- def getQuestionID
- def setQuestionID
- def getQuestionText
- def setQuestionText
- · def getQuestionTitle
- · def setQuestionTitle
- · def getComments
- · def addComments
- def setCommentList
- · def getTestCasesList
- · def setTestCasesList
- def removeTestCase
- def unicode

Public Attributes

- · questionID_f
- questionText_f
- questionTitle_f
- · commentList_f
- testCasesList_f

Static Public Attributes

- tuple questionID_f = models.AutoField(primary_key=True)
- tuple questionText_f = models.TextField("Problem Statement", null=False)
- tuple questionTitle_f = models.CharField("Problem Title", max_length = 50, null = False)
- tuple level_f = models.ForeignKey(Level, verbose_name="Question Level", null=False)
- tuple type_f = models.ForeignKey(Type, verbose_name="Type of Question", null=False)
- tuple timeLimit_f = models.FloatField("Time Limit for Question",null=False)
- list commentList_f = []
- list testCasesList_f = []

Properties

- questionID = property(getQuestionID,setQuestionID)
- questionText = property(getQuestionText,setQuestionText)
- questionTitle = property(getQuestionTitle, setQuestionTitle)
- commentList = property(getComments,setCommentList)
- testCasesList = property(getTestCasesList,setTestCasesList)

6.35.1 Detailed Description

Definition at line 40 of file models.py.

6.35.2 Member Function Documentation

6.35.2.1 def Ecodena.Question.models.Question.__unicode__ (self)

Definition at line 91 of file models.py.

6.35.2.2 def Ecodena.Question.models.Question.addComments (self, comment)

Definition at line 72 of file models.py.

6.35.2.3 def Ecodena.Question.models.Question.getComments (self)

Definition at line 70 of file models.py.

6.35.2.4 def Ecodena.Question.models.Question.getQuestionID (self)

Definition at line 50 of file models.py.

6.35.2.5 def Ecodena.Question.models.Question.getQuestionText (self)

Definition at line 57 of file models.py.

6.35.2.6 def Ecodena.Question.models.Question.getQuestionTitle (self)

Definition at line 64 of file models.py.

6.35.2.7 def Ecodena.Question.models.Question.getTestCasesList (self)

Definition at line 79 of file models.py.

6.35.2.8 def Ecodena.Question.models.Question.removeTestCase (self, caseID) Definition at line 83 of file models.py. 6.35.2.9 def Ecodena.Question.models.Question.setCommentList (self, commentList) Definition at line 74 of file models.py. 6.35.2.10 def Ecodena.Question.models.Question.setQuestionID (self, qID) Definition at line 52 of file models.py. 6.35.2.11 def Ecodena.Question.models.Question.setQuestionText (self, qtext) Definition at line 59 of file models.py. 6.35.2.12 def Ecodena.Question.models.Question.setQuestionTitle (self, title) Definition at line 66 of file models.py. 6.35.2.13 def Ecodena.Question.models.Question.setTestCasesList (self, testCasesList) Definition at line 81 of file models.py. 6.35.3 Member Data Documentation **6.35.3.1** list Ecodena.Question.models.Question.commentList f = [] [static] Definition at line 47 of file models.py.

6.35.3.2 Ecodena.Question.models.Question.commentList_f

Definition at line 74 of file models.py.

6.35.3.3 tuple Ecodena.Question.models.Question.level_f = models.ForeignKey(Level, verbose_name="Question Level", null=False) [static]

Definition at line 44 of file models.py.

6.35.3.4 tuple Ecodena.Question.models.Question.questionID_f = models.AutoField(primary_key=True) [static]

Definition at line 41 of file models.py.

6.35.3.5 Ecodena.Question.models.Question.questionID f

Definition at line 52 of file models.py.

6.35.3.6 tuple Ecodena.Question.models.Question.questionText_f = models.TextField("Problem Statement", null=False) [static]

Definition at line 42 of file models.py.

6.35.3.7 Ecodena.Question.models.Question.questionText f

Definition at line 59 of file models.py.

6.35.3.8 Ecodena.Question.models.Question.questionTitle_f

Definition at line 66 of file models.py.

6.35.3.9 tuple Ecodena.Question.models.Question.questionTitle_f = models.CharField("Problem Title", max_length = 50, null = False) [static]

Definition at line 43 of file models.py.

6.35.3.10 list Ecodena.Question.models.Question.testCasesList_f = [] [static]

Definition at line 48 of file models.py.

6.35.3.11 Ecodena.Question.models.Question.testCasesList f

Definition at line 81 of file models.py.

6.35.3.12 tuple Ecodena.Question.models.Question.timeLimit_f = models.FloatField("Time Limit for Question",null=False) [static]

Definition at line 46 of file models.py.

6.35.3.13 tuple Ecodena.Question.models.Question.type_f = models.ForeignKey(Type, verbose_name="Type of Question", null=False) [static]

Definition at line 45 of file models.py.

6.35.4 Property Documentation

Definition at line 76 of file models.py.

6.35.4.2 Ecodena.Question.models.Question.questionID = property(getQuestionID,setQuestionID) [static]

Definition at line 54 of file models.py.

6.35.4.3 Ecodena.Question.models.Question.questionText = property(getQuestionText,setQuestionText) [static]

Definition at line 61 of file models.py.

Definition at line 68 of file models.py.

6.35.4.5 Ecodena.Question.models.Question.testCasesList = property(getTestCasesList,setTestCasesList) [static]

Definition at line 85 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Question/models.py

6.36 Ecodena. Question. admin. Question Admin Class Reference

Static Public Attributes

- list inlines1 = [TypeInline]
- list inlines2 = [LevelInline]
- tuple list_display = ('questionID_f', 'questionTitle', 'level_f', 'type_f', 'timeLimit_f')

6.36.1 Detailed Description

Definition at line 14 of file admin.py.

6.36.2 Member Data Documentation

6.36.2.1 list Ecodena.Question.admin.QuestionAdmin.inlines1 = [TypeInline] [static]

Definition at line 15 of file admin.py.

6.36.2.2 list Ecodena.Question.admin.QuestionAdmin.inlines2 = [LevelInline] [static]

Definition at line 16 of file admin.py.

6.36.2.3 tuple Ecodena.Question.admin.QuestionAdmin.list_display = ('questionID_f', 'questionTitle', 'level_f', 'type_f', 'timeLimit_f') [static]

Definition at line 17 of file admin.py.

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

/home/panx/ecodena/src/Ecodena/Question/admin.py

6.37 Ecodena.Comment.tests.SimpleTest Class Reference

Inherits TestCase.

Public Member Functions

· def test_basic_addition

6.37.1 Detailed Description

Definition at line 11 of file tests.py.

6.37.2 Member Function Documentation

6.37.2.1 def Ecodena.Comment.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/Comment/tests.py

6.38 Ecodena.Main.tests.SimpleTest Class Reference

Inherits TestCase.

Public Member Functions

def test_basic_addition

6.38.1 Detailed Description

Definition at line 11 of file tests.py.

6.38.2 Member Function Documentation

6.38.2.1 def Ecodena.Main.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/Main/tests.py

6.39 Ecodena.Compiler.tests.SimpleTest Class Reference

Inherits TestCase.

Public Member Functions

def test_basic_addition

6.39.1 Detailed Description

Definition at line 11 of file tests.py.

6.39.2 Member Function Documentation

6.39.2.1 def Ecodena.Compiler.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/Compiler/tests.py

6.40 Ecodena. Query. tests. Simple Test Class Reference

Inherits TestCase.

Public Member Functions

• def test_basic_addition

6.40.1 Detailed Description

Definition at line 11 of file tests.py.

6.40.2 Member Function Documentation

6.40.2.1 def Ecodena.Query.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/Query/tests.py

6.41 Ecodena. Question. tests. Simple Test Class Reference

Inherits TestCase.

Public Member Functions

• def test_basic_addition

6.41.1 Detailed Description

Definition at line 11 of file tests.py.

6.41.2 Member Function Documentation

6.41.2.1 def Ecodena.Question.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/Question/tests.py

6.42 Ecodena. User. tests. Simple Test Class Reference

Inherits TestCase.

Public Member Functions

• def test_basic_addition

6.42.1 Detailed Description

Definition at line 11 of file tests.py.

6.42.2 Member Function Documentation

6.42.2.1 def Ecodena.User.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/User/tests.py

6.43 Ecodena. Attempt. tests. Simple Test Class Reference

Inherits TestCase.

Public Member Functions

• def test_basic_addition

6.43.1 Detailed Description

Definition at line 11 of file tests.py.

6.43.2 Member Function Documentation

6.43.2.1 def Ecodena.Attempt.tests.SimpleTest.test_basic_addition (self)

```
Tests that 1 + 1 always equals 2.
```

Definition at line 12 of file tests.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/tests.py

6.44 Ecodena. Attempt. views. Solution Form Class Reference

Static Public Attributes

- tuple text = forms.CharField(widget=forms.Textarea)
- tuple version = forms.ChoiceField()

6.44.1 Detailed Description

Definition at line 17 of file views.py.

6.44.2 Member Data Documentation

6.44.2.1 tuple Ecodena.Attempt.views.SolutionForm.text = forms.CharField(widget=forms.Textarea) [static]

Definition at line 18 of file views.py.

6.44.2.2 tuple Ecodena.Attempt.views.SolutionForm.version = forms.ChoiceField() [static]

Definition at line 19 of file views.py.

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

/home/panx/ecodena/src/Ecodena/Attempt/views.py

6.45 Ecodena, Question, models, Test Case Class Reference

Classes

class Meta

Public Member Functions

- def getTestID
- def setTestID
- def getCaseType
- def setCaseType
- def getOutput
- def setOutput
- def getQuestion
- def setQuestion
- def __unicode__

Public Attributes

- · caseID f
- caseType_f
- output_f
- · questionID_f

Static Public Attributes

- tuple caseID_f = models.AutoField(primary_key=True)
- tuple questionID_f = models.ForeignKey(Question, verbose_name="Question ID", null=False)
- tuple CASE_TYPE = ((0, 'Low'), (1, 'Medium'), (2, 'High'))
- tuple caseType_f = models.CharField(max_length=40, choices=CASE_TYPE, verbose_-name="Type of Case")
- tuple input_f = models.TextField("Input")
- tuple output_f = models.TextField("Output")

Properties

- caseID = property(getTestID,setTestID)
- caseType = property(getCaseType,setCaseType)
- output = property(getOutput,setOutput)
- questionID = property(getQuestion,setQuestion)

6.45.1 Detailed Description

Definition at line 98 of file models.py.

6.45.2 Member Function Documentation

6.45.2.1 def Ecodena.Question.models.TestCase.__unicode__ (self)

Definition at line 137 of file models.py.

6.45.2.2 def Ecodena.Question.models.TestCase.getCaseType (self)

Definition at line 114 of file models.py.

6.45.2.3 def Ecodena.Question.models.TestCase.getOutput (self)

Definition at line 121 of file models.py.

6.45.2.4 def Ecodena.Question.models.TestCase.getQuestion (self)

Definition at line 127 of file models.py.

 $6.45.2.5 \quad def \; Ecodena. Question. models. Test Case. get Test ID \left(\right. \; \textit{self} \; \right)$

Definition at line 107 of file models.py.

 $6.45.2.6 \quad def \ Ecodena. Question. models. Test Case. set Case Type \ (\ \textit{self, ctype} \)$

Definition at line 116 of file models.py.

 $6.45.2.7 \quad def \ Ecodena. Question. models. Test Case. set Output \left(\begin{array}{c} \textit{self, text} \end{array} \right)$

Definition at line 123 of file models.py.

6.45.2.8 def Ecodena.Question.models.TestCase.setQuestion (self, qlD)

Definition at line 129 of file models.py.

6.45.2.9 def Ecodena.Question.models.TestCase.setTestID (self, tID)

Definition at line 109 of file models.py.

```
6.45.3 Member Data Documentation
```

6.45.3.1 tuple Ecodena.Question.models.TestCase.CASE_TYPE = ((0, 'Low'), (1, 'Medium'), (2, 'High')) [static]

Definition at line 101 of file models.py.

6.45.3.2 tuple Ecodena.Question.models.TestCase.caseID_f = models.AutoField(primary_key=True) [static]

Definition at line 99 of file models.py.

6.45.3.3 Ecodena.Question.models.TestCase.caseID f

Definition at line 109 of file models.py.

6.45.3.4 tuple Ecodena.Question.models.TestCase.caseType_f = models.CharField(max_length=40, choices=CASE_TYPE, verbose_name="Type of Case") [static]

Definition at line 102 of file models.py.

6.45.3.5 Ecodena.Question.models.TestCase.caseType_f

Definition at line 116 of file models.py.

6.45.3.6 tuple Ecodena.Question.models.TestCase.input_f = models.TextField("Input")

[static]

Definition at line 103 of file models.py.

6.45.3.7 tuple Ecodena.Question.models.TestCase.output_f = models.TextField("Output") [static]

Definition at line 104 of file models.py.

6.45.3.8 Ecodena.Question.models.TestCase.output_f

Definition at line 123 of file models.py.

Definition at line 100 of file models.py.

6.45.3.10 Ecodena.Question.models.TestCase.questionID_f

Definition at line 129 of file models.py.

6.45.4 Property Documentation

6.45.4.1 Ecodena.Question.models.TestCase.caseID = property(getTestID,setTestID) [static]

Definition at line 111 of file models.py.

6.45.4.2 Ecodena.Question.models.TestCase.caseType = property(getCaseType,setCaseType) [static]

Definition at line 118 of file models.py.

6.45.4.3 Ecodena.Question.models.TestCase.output = property(getOutput,setOutput) [static]

Definition at line 125 of file models.py.

6.45.4.4 Ecodena.Question.models.TestCase.questionID = property(getQuestion,setQuestion)
[static]

Definition at line 131 of file models.py.

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

/home/panx/ecodena/src/Ecodena/Question/models.py

6.46 Ecodena. Question. models. Type Class Reference

Classes

• class Meta

Public Member Functions

def __unicode__

Static Public Attributes

- tuple typeID_f = models.AutoField(primary_key=True)
- tuple typeName_f = models.CharField("Type Name", max_length = 30, null = False)

6.46.1 Detailed Description

Definition at line 28 of file models.py.

6.46.2 Member Function Documentation

6.46.2.1 def Ecodena.Question.models.Type.__unicode__ (self)

Definition at line 36 of file models.py.

6.46.3 Member Data Documentation

6.46.3.1 tuple Ecodena.Question.models.Type.typeID_f = models.AutoField(primary_key=True) [static]

Definition at line 29 of file models.py.

6.46.3.2 tuple Ecodena.Question.models.Type.typeName_f = models.CharField("Type Name", max_length = 30, null = False) [static]

Definition at line 30 of file models.py.

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

• /home/panx/ecodena/src/Ecodena/Question/models.py

6.47 Ecodena. Question. admin. TypeInline Class Reference

Static Public Attributes

• model = Type

6.47.1 Detailed Description

Definition at line 7 of file admin.py.

6.47.2 Member Data Documentation

6.47.2.1 Ecodena.Question.admin.TypeInline.model = Type [static]

Definition at line 8 of file admin.py.

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

• /home/panx/ecodena/src/Ecodena/Question/admin.py

Chapter 7

File Documentation

7.1 /home/panx/ecodena/src/Ecodena/__init__.py File Reference

Packages

- package Ecodena
- 7.2 /home/panx/ecodena/src/Ecodena/Attempt/__init__.py File Reference

Packages

- package Ecodena.Attempt
- 7.3 /home/panx/ecodena/src/Ecodena/Comment/__init__.py File Reference

Packages

- package Ecodena.Comment
- 7.4 /home/panx/ecodena/src/Ecodena/Compiler/__init__.py File Reference

Packages

• package Ecodena.Compiler

7.5 /home/panx/ecodena/src/Ecodena/Main/__init__.py File Reference

Packages

- package Ecodena.Main
- 7.6 /home/panx/ecodena/src/Ecodena/Query/__init__.py File Reference

Packages

- package Ecodena.Query
- 7.7 /home/panx/ecodena/src/Ecodena/Question/__init__.py File Reference

Packages

- · package Ecodena. Question
- 7.8 /home/panx/ecodena/src/Ecodena/User/__init__.py File Reference

Packages

- package Ecodena.User
- 7.9 /home/panx/ecodena/src/Ecodena/Attempt/admin.py File Reference

Classes

- · class Ecodena.Attempt.admin.AttemptAdmin
- class Ecodena.Attempt.admin.ErrorReportAdmin

Packages

• package Ecodena.Attempt.admin

7.10 /home/panx/ecodena/src/Ecodena/Comment/admin.py File Reference

Classes

· class Ecodena.Comment.admin.CommentAdmin

Packages

- package Ecodena.Comment.admin
- 7.11 /home/panx/ecodena/src/Ecodena/Compiler/admin.py File Reference

Classes

- class Ecodena.Compiler.admin.LanguageAdmin
- class Ecodena.Compiler.admin.CompilerVersionAdmin

Packages

- package Ecodena.Compiler.admin
- 7.12 /home/panx/ecodena/src/Ecodena/Query/admin.py File Reference

Classes

· class Ecodena.Query.admin.QueryAdmin

Packages

- package Ecodena.Query.admin
- 7.13 /home/panx/ecodena/src/Ecodena/Question/admin.py File Reference

Classes

· class Ecodena. Question.admin. TypeInline

- · class Ecodena.Question.admin.LevelInline
- · class Ecodena.Question.admin.QuestionAdmin

Packages

· package Ecodena.Question.admin

7.14 /home/panx/ecodena/src/Ecodena/User/admin.py File Reference

Classes

· class Ecodena.User.admin.ProfileAdmin

Packages

• package Ecodena.User.admin

7.15 /home/panx/ecodena/src/Ecodena/Attempt/models.py File Reference

Classes

- class Ecodena.Attempt.models.ErrorReport
- · class Ecodena.Attempt.models.ErrorReport.Meta
- · class Ecodena.Attempt.models.Attempt
- class Ecodena.Attempt.models.Attempt.Meta

Packages

• package Ecodena.Attempt.models

7.16 /home/panx/ecodena/src/Ecodena/Comment/models.py File Reference

Classes

- · class Ecodena.Comment.models.Comment
- · class Ecodena.Comment.models.Comment.Meta

Packages

package Ecodena.Comment.models

7.17 /home/panx/ecodena/src/Ecodena/Compiler/models.py File Reference

Classes

- class Ecodena.Compiler.models.Language
- class Ecodena.Compiler.models.Language.Meta
- · class Ecodena.Compiler.models.CompilerVersion
- · class Ecodena.Compiler.models.CompilerVersion.Meta
- · class Ecodena.Compiler.models.Compiler
- class Ecodena.Compiler.models.CCompiler111
- class Ecodena.Compiler.models.JavaCompiler111

Packages

· package Ecodena.Compiler.models

7.18 /home/panx/ecodena/src/Ecodena/Main/models.py File Reference

Packages

• package Ecodena.Main.models

7.19 /home/panx/ecodena/src/Ecodena/Query/models.py File Reference

Classes

- · class Ecodena.Query.models.Query
- · class Ecodena.Query.models.Query.Meta

Packages

• package Ecodena.Query.models

7.20 /home/panx/ecodena/src/Ecodena/Question/models.py File Reference

Classes

- · class Ecodena.Question.models.Level
- · class Ecodena.Question.models.Level.Meta
- · class Ecodena.Question.models.Type
- · class Ecodena.Question.models.Type.Meta
- class Ecodena.Question.models.Question
- · class Ecodena.Question.models.Question.Meta
- · class Ecodena.Question.models.BattleQuestion
- · class Ecodena.Question.models.TestCase
- · class Ecodena.Question.models.TestCase.Meta

Packages

• package Ecodena.Question.models

7.21 /home/panx/ecodena/src/Ecodena/User/models.py File Reference

Classes

- · class Ecodena.User.models.Admin
- · class Ecodena.User.models.Programmer
- class Ecodena.User.models.Profile

Packages

• package Ecodena.User.models

7.22 /home/panx/ecodena/src/Ecodena/Attempt/tests.py File Reference

Classes

· class Ecodena.Attempt.tests.SimpleTest

Packages

• package Ecodena.Attempt.tests

7.23 /home/panx/ecodena/src/Ecodena/Comment/tests.py File Reference

Classes

· class Ecodena.Comment.tests.SimpleTest

Packages

• package Ecodena.Comment.tests

7.24 /home/panx/ecodena/src/Ecodena/Compiler/tests.py File Reference

Classes

• class Ecodena.Compiler.tests.SimpleTest

Packages

• package Ecodena.Compiler.tests

7.25 /home/panx/ecodena/src/Ecodena/Main/tests.py File Reference

Classes

• class Ecodena.Main.tests.SimpleTest

Packages

• package Ecodena.Main.tests

7.26 /home/panx/ecodena/src/Ecodena/Query/tests.py File Reference

Classes

• class Ecodena.Query.tests.SimpleTest

Packages

• package Ecodena.Query.tests

7.27 /home/panx/ecodena/src/Ecodena/Question/tests.py File Reference

Classes

• class Ecodena.Question.tests.SimpleTest

Packages

· package Ecodena.Question.tests

7.28 /home/panx/ecodena/src/Ecodena/User/tests.py File Reference

Classes

· class Ecodena.User.tests.SimpleTest

Packages

• package Ecodena.User.tests

7.29 /home/panx/ecodena/src/Ecodena/Attempt/views.py File Reference

Classes

• class Ecodena.Attempt.views.SolutionForm

Packages

• package Ecodena.Attempt.views

Functions

- def Ecodena::Attempt::views.listSolutions
- def Ecodena::Attempt::views.viewSolution

- def Ecodena::Attempt::views.submitSolution
- def Ecodena::Attempt::views.compileSolution

7.30 /home/panx/ecodena/src/Ecodena/Comment/views.py File Reference

Packages

· package Ecodena.Comment.views

7.31 /home/panx/ecodena/src/Ecodena/Compiler/views.py File Reference

Packages

• package Ecodena.Compiler.views

Functions

- def Ecodena::Compiler::views.CCompile110
- def Ecodena::Compiler::views.JavaCompile110

7.32 /home/panx/ecodena/src/Ecodena/Main/views.py File Reference

Packages

• package Ecodena.Main.views

Functions

• def Ecodena::Main::views.home

7.33 /home/panx/ecodena/src/Ecodena/Query/views.py File Reference

Classes

• class Ecodena.Query.views.QueryForm

Packages

• package Ecodena.Query.views

Functions

· def Ecodena::Query::views.postQuery

7.34 /home/panx/ecodena/src/Ecodena/Question/views.py File Reference

Classes

· class Ecodena.Question.views.CommentForm

Packages

• package Ecodena.Question.views

Functions

- def Ecodena::Question::views.test
- def Ecodena::Question::views.listQuestions
- def Ecodena::Question::views.viewQuestionByID

7.35 /home/panx/ecodena/src/Ecodena/User/views.py File Reference

Packages

• package Ecodena. User. views

7.36 /home/panx/ecodena/src/Ecodena/Compiler/dictionary.py File Reference

Packages

• package Ecodena.Compiler.dictionary

Variables

• dictionary Ecodena::Compiler::dictionary.compilers

7.37 /home/panx/ecodena/src/Ecodena/manage.py File Reference

Packages

• package Ecodena.manage

7.38 /home/panx/ecodena/src/Ecodena/settings.py File Reference

Packages

package Ecodena.settings

Variables

- Ecodena::settings.DEBUG = True
- Ecodena::settings.TEMPLATE_DEBUG = DEBUG
- tuple Ecodena::settings.ADMINS
- Ecodena::settings.MANAGERS = ADMINS
- dictionary Ecodena::settings.DATABASES
- string Ecodena::settings.TIME ZONE = 'America/Chicago'
- string Ecodena::settings.LANGUAGE_CODE = 'en-us'
- int Ecodena::settings.SITE_ID = 1
- Ecodena::settings.USE_I18N = True
- Ecodena::settings.USE_L10N = True
- string Ecodena::settings.MEDIA_ROOT = "
- string Ecodena::settings.MEDIA URL = "
- string Ecodena::settings.STATIC ROOT = "
- string Ecodena::settings.STATIC_URL = '/static/'
- string Ecodena::settings.ADMIN_MEDIA_PREFIX = '/static/admin/'
- tuple Ecodena::settings.STATICFILES DIRS
- tuple Ecodena::settings.STATICFILES_FINDERS
- string Ecodena::settings.SECRET_KEY = 'k!*n&!9\$t9sp61=vq(%t^(k@yz7o^=*y=i2kmxtpi!4+88gyhl'
- tuple Ecodena::settings.TEMPLATE_LOADERS
- tuple Ecodena::settings.MIDDLEWARE_CLASSES
- string Ecodena::settings.ROOT_URLCONF = 'Ecodena.urls'
- tuple Ecodena::settings.TEMPLATE DIRS
- tuple Ecodena::settings.INSTALLED APPS
- string Ecodena::settings.AUTH PROFILE MODULE = 'Ecodena.User.Profile'
- · dictionary Ecodena::settings.LOGGING

7.39 /home/panx/ecodena/src/Ecodena/urls.py File Reference

Packages

• package Ecodena.urls

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• tuple Ecodena::urls.urlpatterns

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