pytexexam

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CONTENTS:

1 Pytexexam main class 1

2 Pytexexam util class 3

Python Module Index 5

Index 7

CHAPTER

ONE

PYTEXEXAM MAIN CLASS

class pytexexam.answer.**Answer**(*answer_key: str*, *answer: str*, *is_true_answer=False*)
This class is used to store 1 answer in a question.

class pytexexam.question.**Question**(*question: str*, *answers: List[str]*, *true_answer: str*, *solution: str*, *answer_column: int*)
This class represents one question on the test.

answer_column
Number of columns for which the answer will be presented.

answers: List[answer.Answer]
Question answers

get_true_answer_key() → str
Get answer key of true answer

print_question_latex() → str
generate latex code for this question

print_solution_latex() → str
Generate latex code to print question and solution

question: str
Content of the question.

shuffle_answer()
Shuffle answer list

solution
Solution of the question

class pytexexam.exam.**Exam**(*question_list: List[question.Question]*)
This class represents an exam.

question_list
List of questions in the exam

shuffle_question()
This method allows to shuffle all the questions in the exam.

class pytexexam.latexexam.**LatexExamAnswer**
This class is used to create an answer keys

get_latex_string() → str
Generate latex code

class pytexexam.latexexam.**LatexExamPaper**
This class is used to create an exam paper

get_latex_string() → str
Generate latex code

class pytexexam.latexexam.**LatexExamSolution**
Generate solution paper for this exam

get_latex_string() → str
Generate latex code

CHAPTER

TWO

PYTEXEXAM UTIL CLASS

pytexexam.latexexamutil.**ams_math_package**() → str
Returns the code needed to add in preamble to type math formula in latex

PYTHON MODULE INDEX

p

pytexexam.exam, 1
pytexexam.latexexam, 1
pytexexam.latexexamutil, 3
pytexexam.question, 1

INDEX

A

ams_math_package() (*in module pytexexam.latexexamutil*), 3
Answer (*class in pytexexam.answer*), 1
answer_column (*pytexexam.question.Question attribute*), 1
answers (*pytexexam.question.Question attribute*), 1

E

Exam (*class in pytexexam.exam*), 1

G

get_latex_string() (*pytexexam.latexexam.LatexExamAnswer method*), 1
get_latex_string() (*pytexexam.latexexam.LatexExamPaper method*), 1
get_latex_string() (*pytexexam.latexexam.LatexExamSolution method*), 2
get_true_answer_key() (*pytexexam.question.Question method*), 1

L

LatexExamAnswer (*class in pytexexam.latexexam*), 1
LatexExamPaper (*class in pytexexam.latexexam*), 1
LatexExamSolution (*class in pytexexam.latexexam*), 2

M

module
    pytexexam.exam, 1
    pytexexam.latexexam, 1
    pytexexam.latexexamutil, 3
    pytexexam.question, 1

P

print_question_latex() (*pytexexam.question.Question method*), 1
print_solution_latex() (*pytexexam.question.Question method*), 1
pytexexam.exam
    module, 1
pytexexam.latexexam
    module, 1
pytexexam.latexexamutil
    module, 3
pytexexam.question
    module, 1

Q

Question (*class in pytexexam.question*), 1
question (*pytexexam.question.Question attribute*), 1
question_list (*pytexexam.exam.Exam attribute*), 1

S

shuffle_answer() (*pytexexam.question.Question method*), 1
shuffle_question() (*pytexexam.exam.Exam method*), 1
solution (*pytexexam.question.Question attribute*), 1