Class Reference

Quiz

course.create_quiz generates Quiz object.

```python
class canvasapi.quiz.Quiz(requester, attributes)

class Quiz(CanvasObject):
    def __init__(self, requester, attributes):
        super(Quiz, self).__init__(requester, attributes)
```

Requester

- It’s not something you provide manually when calling course.create_quiz.
- It is an internal object created by canvasapi when you instantiate Canvas(API_URL, API_KEY).
- Specifically, it’s an instance of canvasapi.requester.Requester.

Attributes

Canvas API responds with something like

```
{
  "id": 42,
  "title": "My First Quiz",
  "description": "This quiz was created via canvasapi.",
  "quiz_type": "assignment",
  ...
}
```

1. Create a new quiz

```python
new_quiz = course.create_quiz({
    "title": "My First Quiz",
    "description": "This quiz was created via canvasapi.",
    "quiz_type": "assignment",       # other types: 'practice_quiz', 'graded_survey', 'survey'
    "published": False,              # keep unpublished until ready
    "time_limit": 30,                # in minutes
    "allowed_attempts": 2,           # students can attempt twice
    "shuffle_answers": True,
    "points_possible": 10
})

print(f"Created quiz: {new_quiz.title} (ID: {new_quiz.id})")
```

2. Add questions

```
new_question = new_quiz.create_question({
    "question_name": "Simple Math",
    "question_text": "What is 5 + 7?",
    "question_type": "multiple_choice_question",
    "points_possible": 5,
    "answers": [
        {"answer_text": "10", "weight": 0},
        {"answer_text": "11", "weight": 0},
        {"answer_text": "12", "weight": 100},  # correct
        {"answer_text": "13", "weight": 0}
    ]
})

print(f"Added question: {new_question.question_text}")
```

3. Retrieve & inspect quiz

```python
quiz = course.get_quiz(new_quiz.id)
print(f"Quiz title: {quiz.title}")
print(f"Due at: {quiz.due_at}")
print(f"Points possible: {quiz.points_possible}")
```

4. List all questions

```python
for q in quiz.get_questions():
    print(f"Q{q.id}: {q.question_text}")
```