

```

1 # Appendix C19 - test_topic_importer.py
2
3 from klassify.src.topic_importer import TopicImporter
4 from klassify.src.tables import Topic, Subtopic
5
6 IMPORTER = TopicImporter()
7
8 def test_make_topic():
9     topic_fixture = {'base_path': '/topic/working-sea', 'web_url': 'https://www.gov.uk/top
ic/working-sea', 'content_id': '077826e8-f094', 'description': 'List of information about W
orking at sea.', 'title': 'Working at sea', 'api_url': 'https://www.gov.uk/api/content/topi
c/working-sea'}
10
11     created_topic = IMPORTER.make_topic(topic_fixture)
12
13     expected_topic = Topic(
14         title='Working at sea',
15         base_path='/topic/working-sea',
16         web_url='https://www.gov.uk/topic/working-sea',
17         api_url='https://www.gov.uk/api/content/topic/working-sea',
18         description='List of information about Working at sea.'
19     )
20
21     assert created_topic.title == expected_topic.title
22     assert created_topic.base_path == expected_topic.base_path
23     assert created_topic.web_url == expected_topic.web_url
24     assert created_topic.api_url == expected_topic.api_url
25     assert created_topic.description == expected_topic.description
26
27 def test_make_subtopic():
28     subtopic_fixture = {'content_id': '6382617d-a2c5-4651-b487-5d267dfc6662', 'locale': '
en', 'base_path': '/topic/working-sea/health-safety', 'description': 'List of information a
bout Health and safety.', 'api_url': 'https://www.gov.uk/api/content/topic/working-sea/heal
th-safety', 'title': 'Health and safety', 'web_url': 'https://www.gov.uk/topic/working-sea/
health-safety'}
29
30     created_subtopic = IMPORTER.make_topic(subtopic_fixture)
31
32     expected_subtopic = Subtopic(
33         title='Health and safety',
34         base_path='/topic/working-sea/health-safety',
35         web_url='https://www.gov.uk/topic/working-sea/health-safety',
36         api_url='https://www.gov.uk/api/content/topic/working-sea/health-safety',
37         description='List of information about Health and safety.'
38     )
39
40     assert created_subtopic.title == expected_subtopic.title
41     assert created_subtopic.base_path == expected_subtopic.base_path
42     assert created_subtopic.web_url == expected_subtopic.web_url
43     assert created_subtopic.api_url == expected_subtopic.api_url
44     assert created_subtopic.description == expected_subtopic.description
45
46 def test_associate_topic_subtopics():
47     topic = Topic(title="A topic title")
48     subtopic_1 = Subtopic(title="A subtopic title 1")
49     subtopic_2 = Subtopic(title="A subtopic title 2")
50
51     IMPORTER.associate_topic_subtopics(topic, [subtopic_1, subtopic_2])
52
53     assert subtopic_1.title == topic.subtopics[0].title
54     assert subtopic_2.title == topic.subtopics[1].title
55

```