**Integration QE**

**url:**

<https://eacp.energyaustralia.com.au/codingtest/api/v1/festivals>

**Language:**

Python 3.8

**Sample json output#1:**

[{'name': 'LOL-palooza', 'bands': [{'name': 'Frank Jupiter', 'recordLabel': 'Pacific Records'}, {'name': 'Werewolf Weekday', 'recordLabel': 'XS Recordings'}, {'name': 'Winter Primates', 'recordLabel': ''}, {'name': 'Jill Black', 'recordLabel': 'Fourth Woman Records'}]}, {'name': 'Small Night In', 'bands': [{'name': 'Squint-281', 'recordLabel': 'Outerscope'}, {'name': 'The Black Dashes', 'recordLabel': 'Fourth Woman Records'}, {'name': 'Green Mild Cold Capsicum', 'recordLabel': 'Marner Sis. Recording'}, {'name': 'Yanke East', 'recordLabel': 'MEDIOCRE Music'}, {'name': 'Wild Antelope', 'recordLabel': 'Marner Sis. Recording'}]}, {'name': 'Trainerella', 'bands': [{'name': 'Wild Antelope', 'recordLabel': 'Still Bottom Records'}, {'name': 'Manish Ditch', 'recordLabel': 'ACR'}, {'name': 'Adrian Venti', 'recordLabel': 'Monocracy Records'}, {'name': 'YOUKRANE', 'recordLabel': 'Anti Records'}]}, {'name': 'Twisted Tour', 'bands': [{'name': 'Auditones', 'recordLabel': 'Marner Sis. Recording'}, {'name': 'Summon', 'recordLabel': 'Outerscope'}, {'name': 'Squint-281'}]}, {'bands': [{'name': 'Critter Girls', 'recordLabel': 'ACR'}, {'name': 'Propeller', 'recordLabel': 'Pacific Records'}]}]

Note: Response output has band data without an associated festival name.

**Finding:**

Too many requests error raised while calling the API at repeatedly. After some wait interval requests finishes successfully.

Text

Description automatically generated with medium confidence

**Test Case#1:**

**Check Response Code:**

Tracking response codes other than 200.

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Execute pytest energy\_australia.py

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Description automatically generated with medium confidence

**Test Case#2:**

**Validate json schema:**

Validate if the response json conforms to the json model

Declare json schema

**Text

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Validate json response output

Text

Description automatically generated

**Test Case#3:**

**Check Response content type:**

Check value of the response content type header correctly identifies that the response body is in JSON format

Graphical user interface, text

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Text

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**Test Case#4:**

**Check band data keys:**

Check keys in band data are valid

Graphical user interface, text

Description automatically generated

