

Debugging

February 29, 2024

```
[1]: import logging

logging.basicConfig(level=logging.DEBUG, style='{', format="{module: <8}␣
↳{levelname: >10} \t{message}")

import fastf1 as ff1

# ff1.Cache.enable_cache('tmp2_cache')

quali_session = ff1.get_session(2022, 'Bahrain', 'Q')
quali_session.load()
quali_session.laps
```

api WARNING

NO CACHE! Api caching has not been enabled!

It is highly recommended to enable this feature for much faster data loading!

Use `fastf1.Cache.enable_cache('path/to/cache/')`

```
connectionpool DEBUG Starting new HTTPS connection (1):
raw.githubusercontent.com:443
connectionpool DEBUG https://raw.githubusercontent.com:443 "GET
/the0ehrly/f1schedule/master/schedule_2022.json HTTP/1.1" 200 2593
core INFO Loading data for Bahrain Grand Prix - Qualifying
[v2.3.1]
api INFO Fetching driver list...
connectionpool DEBUG Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool DEBUG https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-19_Qualifying/DriverList.jsonStream
HTTP/1.1" 200 26336
connectionpool DEBUG Starting new HTTPS connection (1):
ergast.com:443
connectionpool DEBUG https://ergast.com:443 "GET
/api/f1/2022/1/qualifying.json HTTP/1.1" 200 None
api INFO Fetching timing data...
```

```

connectionpool      DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool      DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-19_Qualifying/TimingData.jsonStream
HTTP/1.1" 200 1068993
api                INFO      Parsing timing data...
api                INFO      Fetching timing app data...
connectionpool      DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool      DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-
19_Qualifying/TimingAppData.jsonStream HTTP/1.1" 200 58466
core               INFO      Processing timing data...
api                INFO      Fetching session status data...
connectionpool      DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool      DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-
19_Qualifying/SessionStatus.jsonStream HTTP/1.1" 200 382
api                INFO      Fetching track status data...
connectionpool      DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool      DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-19_Qualifying/TrackStatus.jsonStream
HTTP/1.1" 200 148
core               WARNING   Failed to load lap data!
core               DEBUG      Lap data failure traceback:
Traceback (most recent call last):
  File "C:\Users\je116\AppData\Roaming\Python\Python311\site-
packages\fastf1\core.py", line 1175, in load
    self._load_laps_data(livedata)
  File "C:\Users\je116\AppData\Roaming\Python\Python311\site-
packages\fastf1\core.py", line 1284, in _load_laps_data
    d2 = self.__fix_tyre_info(d2)
        ~~~~~
  File "C:\Users\je116\AppData\Roaming\Python\Python311\site-
packages\fastf1\core.py", line 1492, in __fix_tyre_info
    for key, value in row.iteritems():
        ~~~~~
  File "C:\Users\je116\AppData\Roaming\Python\Python311\site-
packages\pandas\core\generic.py", line 5989, in __getattr__
    return object.__getattribute__(self, name)
        ~~~~~
AttributeError: 'Series' object has no attribute 'iteritems'
api                INFO      Fetching car data...
connectionpool      DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool      DEBUG      https://livetiming.formula1.com:443 "GET /static

```

```

/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-19_Qualifying/CarData.z.jsonStream
HTTP/1.1" 200 2935819
api          INFO      Parsing car data...
api          INFO      Fetching position data...
connectionpool  DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool  DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-19_Qualifying/Position.z.jsonStream
HTTP/1.1" 200 3043031
api          INFO      Parsing position data...
core        WARNING    Failed to load telemetry data!
core        DEBUG      Telemetry data failure traceback:
Traceback (most recent call last):
  File "C:\Users\je116\AppData\Roaming\Python\Python311\site-
packages\fastf1\core.py", line 1182, in load
    self._load_telemetry(livedata=livedata)
  File "C:\Users\je116\AppData\Roaming\Python\Python311\site-
packages\fastf1\core.py", line 1762, in _load_telemetry
    self._laps['LapStartDate'] = self._laps['LapStartTime'] + self.t0_date
    ~~~~~
AttributeError: 'Session' object has no attribute '_laps'
api          INFO      Fetching weather data...
connectionpool  DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool  DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-19_Qualifying/WeatherData.jsonStream
HTTP/1.1" 200 11147
api          INFO      Fetching race control messages...
connectionpool  DEBUG      Starting new HTTPS connection (1):
livetiming.formula1.com:443
connectionpool  DEBUG      https://livetiming.formula1.com:443 "GET /static
/2022/2022-03-20_Bahrain_Grand_Prix/2022-03-
19_Qualifying/RaceControlMessages.json HTTP/1.1" 200 1914
core        INFO      Finished loading data for 20 drivers: ['16', '1', '55',
'11', '44', '77', '20', '14', '63', '10', '31', '47', '4', '23', '24', '22',
'27', '3', '18', '6']

```

```

-----
DataNotLoadedError                                Traceback (most recent call last)
Cell In[1], line 12
     10 quali_session = ff1.get_session(2022, 'Bahrain', 'Q')
     11 quali_session.load()
----> 12 quali_session.laps

File ~\AppData\Roaming\Python\Python311\site-packages\fastf1\core.py:1052, in
↳Session.laps(self)
     1046 @property

```

```
1047 def laps(self):
1048     """class:`Laps`: All laps from all drivers driven in this session.
1049
1050     Data is available after calling `Session.load` with ``laps=True``
1051     """
-> 1052     return self._get_property_warn_not_loaded('_laps')
```

```
File ~\AppData\Roaming\Python\Python311\site-packages\fastf1\core.py:1017, in
↳Session._get_property_warn_not_loaded(self, name)
```

```
1015 d = getattr(self, name, None)
1016 if d is None:
-> 1017     raise DataNotLoadedError("The data you are trying to access has not "
1018                                 "been loaded yet. See `Session.load`")
1019 return d
```

```
DataNotLoadedError: The data you are trying to access has not been loaded yet.↳
↳See `Session.load`
```