



Gmax Race Fixtures Feed Specification

25th June 2021

GX-UG-00060

- The Gmax Race system tracks race horses during real-time. Its minimal infrastructure makes it easy and economical to use, and allows the system to be shared between racecourses where travel times permit.
- Various data feeds are available. This document describes the protocol for a 'Fixtures' feed, which provides a list of forthcoming fixtures at which we expect to be able to provide data. It is intended to assist in scheduling the use of other related systems.
- Note that the data contained in this feed is unofficial, and updated manually. As such, it may contain errors and for definitive details on fixtures please defer to the relevant racecourse or racing authority.
- The system is under active development. Feedback on possible future improvements is welcome.

- The data for fixtures for the following 7 days, can be requested using HTTPS,
- The 'DateLocal' parameter can optionally be provided to request a seven day period beginning with the provided date
- License key is also required and will be issued to subscribers separately.
- The response is formatted as a ECMA-404 JSON object with the following fields:

Name	Type	Example	Notes
Country	String	US	ISO 3166-1 Alpha-2 Country code
Racecourse	String	Golden Gate Fields	A friendly name for the racecourse
FirstPostTime	String	2019-03-07T12:45:00-08:00	String containing the scheduled start time for the race, in ISO 8601 compliant format with local time offset
EQBRacecourse WBYSRacecourse USTARacecourse FRRacecourse	String	GG_USA 58 WBSB LON	Racecourse identifier as used by the relevant racing authority dependant on jurisdiction: e.g. Equibase, Weatherbys, USTA, France
USTACardID	Number	1	For USTA harness races, the ID identifying the type of racecard to which the race belongs

- Example request (fixtures for the following 7 days after 2021-06-28):

`https://http://www.gmaxequine.com/tpd/client/fixtures.ashx?Datelocal=2021-06-28&k=[license key]`

- Example response:

```
[{"Country":"GB","Racecourse":"Yarmouth","FirstPostTime":"2021-07-01T13:45:00+01:00","WBYSRacecourse":"61"},
{"Country":"FR","Racecourse":"ParisLongchamp","FirstPostTime":"2021-07-01T16:10:00+02:00","FRRacecourse":"LON"},
{"Country":"CA","Racecourse":"Woodbine","FirstPostTime":"2021-07-01T14:00:00-04:00","EQBRacecourse":"WO_CAN"},
{"Country":"US","Racecourse":"Canterbury Park","FirstPostTime":"2021-07-01T18:00:00-05:00","EQBRacecourse":"CBY_USA"},
{"Country":"CA","Racecourse":"Mohawk Park","FirstPostTime":"2021-07-01T19:00:00-04:00","USTARacecourse":"WBSB","USTACardID":6},
{"Country":"GB","Racecourse":"Doncaster","FirstPostTime":"2021-07-02T13:00:00+01:00","WBYSRacecourse":"14"},
{"Country":"GB","Racecourse":"Newton Abbot","FirstPostTime":"2021-07-02T13:20:00+01:00","WBYSRacecourse":"37"},
{"Country":"US","Racecourse":"Monmouth Park","FirstPostTime":"2021-07-02T12:50:00-04:00","EQBRacecourse":"MTH_USA"},
{"Country":"CA","Racecourse":"Woodbine","FirstPostTime":"2021-07-02T14:00:00-04:00","EQBRacecourse":"WO_CAN"},
...etc ...
]
```

- Usage

- For best efficiency and scalability, we request that the data from this feed is cached by subscribers who are expecting a large number of requests from end users (e.g. consumers using your website or mobile apps).
- We reserve the right to impose 'fair usage' limits on repetitive requests for the same data.
- A typical usage scenario would be to make a request to this page once per day, to allow a schedule for the next 7 days to be maintained.

- Subscribers to this feed will be kept informed of updates, and as far as possible this will be introduced by extending the data feed described herein to ensure backward compatibility. End users should design their applications to be tolerant to additional JSON objects appearing in the data in future.

If this feed does not meet your requirements, please contact Gmax. Other feeds are also available, including:

- Live tracking data feed, provides the live co-ordinates of each horse in a low-latency data feed
- Live 'Progress' data feed, which summarises the progress of the race as a whole including live running order of the horses, provided as a live low-latency data feed
- By prior arrangement only: a test data feed streaming replays of pre-recorded examples of one or more of the above data feeds, intended for use in final testing by client applications.
- Race list feed, providing information on the individual races with data.
- Post-race sectional time data feed, summarising the performance of each horse by section (e.g. at furlong intervals)
- Historical 'Points' data feed, providing the co-ordinates of each horse throughout the race for previously tracked races.
- Historical Sectional times data feed, providing the distribution of sectional times for particular race types based on historical data.
- Racecourse 'Routes': files containing a description of the official running line at racecourses, derived from on-site surveys.
- Please let us know your requirements and we can recommend the most suitable data for your needs.



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