UOF - API

This section details the most important information when working with the unified odds API.

- UOF - Endpoints
- UOF - Descriptive endpoints
- UOF - Fixtures in the API
- UOF - Recovery using API
- UOF - Live information and resulting
- UOF - Probabilities and cashout

Self-service documentation

All endpoints are available for testing purposes at http://iodocs.betradar.com. From there you can see each of the endpoints, execute the requests, and see sample responses as long as you have an access-token (see below - authentication).

Authentication

To access the API you must visit Betradar.com and generate an application key associated with your Betradar.com user details. This API key has to be sent as an HTTP header on every request towards the service on the following format:

```
x-access-token: <access token>
```

Administrative

The following is an administrative message that can be used to find out what the callers bookmaker id is (which is needed to find the name of the AMQP vhost to connect to), and when the callers access token will expire.

HTTP	Endpoint	Description
GET	users /whoami.xml	Lists the callers bookmaker id, AMQP access point and when the provided access token will expire.

```
<bookmaker_details response_code="OK" expire_at="2016-07-08T11:58:53Z"
bookmaker_id="15879" virtual_host="/unifiedfeed/15879"/>
```

Result codes for users/whoami.xml:

Token	HTTP Response Code	Description
Valid token provided	**200**	OK
No token provided	**400**	Bad Request
Unknown Token	**404**	Not found
Expired token	**403**	Forbidden: "Error: Token is not valid, perhaps it has expired?"
UF Package Missing	**403**	Forbidden: "Error: Bookmaker <id> does not have access to unified feed"

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