UOF Integration Roadmap

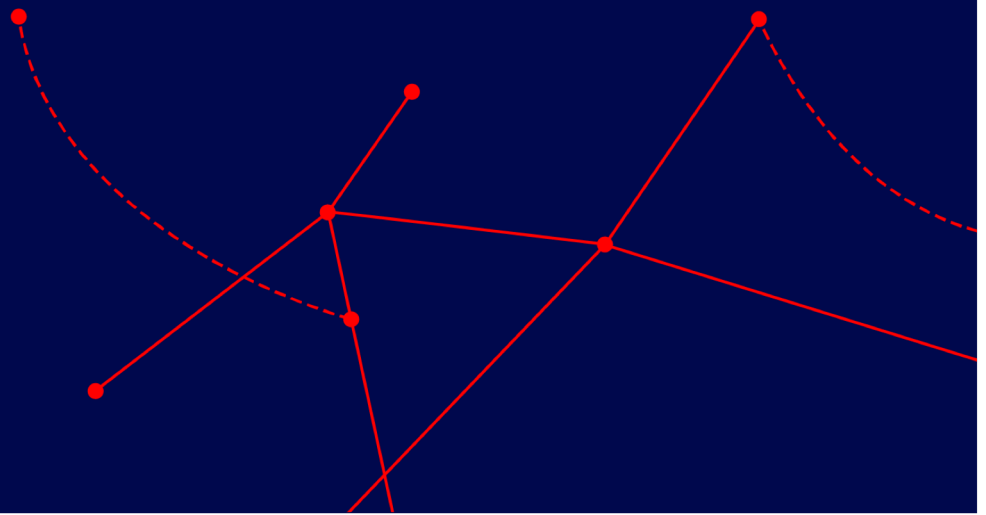sportradar

Introduction

The following section represents the suggested process and roadmap of integration of Betradar's Unified Odds Feed.

The roadmap is divided into 4 sprints. Duration of a sprint is approx. 2 weeks. Each sprint introduces milestones which have to be met in order to continue with the following sprint.

At the very end of the integration we suggest to perform an integration review, based on which we evaluate the quality of the integration.

Integration roadmap

Before integration kick-off

The client should always consult with Betradar's Account Activation Manager and salesman representative before starting with the integration of feeds. Contact information and some basic estimates have to be shared in advance.

Sprint 1

We will start with a **kick-off call** together with client's project leads and lead developers in a Skype (or other communication tools) group.

Agenda of the call:

- introduction
- review client's specifics
- review client's team size
- review client's technology stack
- review client's existing systems
- define the products and the scale of the data they would like to integrate
- present basic documentation (iodocs, SDK documentation)
- present basic interfaces (ctrl.betradar.com)
- set estimates and milestones

After the call the client should start with t**horough review of our documentation and interfaces**. They should review our SDK and decide whether it fits into their technology stack.

We will schedule **two training sessions:**

1. training session for our interfaces (Betradar CTRL) together with our training department
2. UOF technical presentation - part 1

The client should **configure basic sports and markets** in order to start getting the data. We suggest to configure only a handful of basic sports (e.g. soccer and tennis) and markets (e.g. 1x2 and 5 other markets) at this stage to keep it clean and simple.

If a client is integrating pre-match feed, they should also configure at least one template in CTRL interface.

The client should **successfully connect to the feed** (production or replay) and read the data.

! **Important:** Advice the client to subscribe to https://ctrl-status.sportradar.com for maintenance and downtime information.

Milestones:

- CTRL training done
- UOF tech ppt part 1 done
- Sports and markets configured
- CTRL template configured (if integrating pre-match)
- Successfully connected to the feed
- Client has subscribed to ctrl-status page

Sprint 2

The client should focus on the data they receive in the feed and from the API.
They should **import sports, categories and tournaments** into their system and memory. They should also **import markets** and mappings to our legacy markets (if required).

Listeners and logic for **basic feed messages** should be implemented:

- fixture change
- odds change
- bet stop
- bet settlement

Optional: if the client is planning to integrate MTS, we will introduce the client to MTS CI and Certification teams (if the client is not in contact with them already). The client should discuss all MTS and Certification related specifics with the dedicated team. It is advised that the client also reviews their planning and estimates together with the aforementioned teams for better planning.

Milestones:

- Sports, categories, tournaments imported into client's system
- Markets imported into client's system
- Listeners and logic for feed updates in place

Sprint 3

The client will start implementing listeners and logic for **special case messages**:

- bet cancel
- rollback bet settlement
- rollback bet cancel

If the client is integrating pre-match and live feed, they should also implement logic for the **pre-match to live transition** of matches and markets (handover).

Logic for **disconnection and failure recovery handling** should be implemented. If the client is using the SDK, automatic recovery is already handled, the client should only implement logic for initiating recovery request after restarting the SDK.

Milestones:

- All feed handling logic in place
- Pre-match to live transition handled
- Recovery handling implemented

Sprint 4

The client should start **finalising, testing and fine-tuning** the integration.

They should **add additional sports and markets** and support **outright markets** (if required).

At the end of the sprint, the client should check the Integration review form and **prepare for the end-to-end review.**

End-to-end integration review

The client should review the integration review form and fill it out. They should attach **proof-of-concept** to the report (screenshots, logs, database exports, etc.).

After the client provides us with the filled-out report, we will review it on our end and schedule a review call with the client.

Roadmap flowchart

Sprint 1

- Kick-off call
- Check the integration documentation
- Check live documentation (iodocs)
- Download SDK example project (optional)
- Betradar interfaces training session (CTRL)
- UOF technical presentation - part 1
- Configure basic sports, markets
- Configure market templates in CTRL
  (if integrating pre-match)

CTRL training done
UOF tech ppt part 1 done
CTRL template created
Connected to the feed

Sprint 2

- Import sports, categories, tournaments
- Import markets
- Import market mappings (optional)
- Implement listeners and logic for:
  - fixture changes
  - odds changes
  - bet stops
  - bet settlements

If planning to integrate MTS

contact MTS Client integration team
contact Partner Certification team

Sprint 3

- UOF technical presentation - part 2
- Implement listeners and logic for:
  - bet cancel
  - rollback bet settlement
  - rollback bet cancel
  - pre-match to live transition
- Implement recovery handling

Sports, categories, tournaments imported into the system
Markets imported into the system
Listeners for updates in place

All feed handling logic in place
Pre-match to live transition handled
Recovery handling done

Sprint 4

- Add additional sports
- Add additional markets
- Add outright supports (optional)
- Cover corner cases
- Finalise
- Prepare for E2E review or certification

End-to-end integration review

- Review understanding of client's understanding and
  knowledge of our interfaces
- Review the data in the client's system
- Review handling of feed updates
- Review failure and recovery handling