



OBS
OLYMPIC
VIDEO
PLAYER

Outlinking from the OVP Schedule



The olympic video player

1. Overview
2. Outlinking from the OVP Schedule

Overview

OBS provides the ability for RHBs to outlink from the OVP Schedule (or other widgets) to RHB's own content, such as RHB videos, by overriding the default OVP outlinks.

There are three options for achieving this that are covered in the following sections:

1. Redirecting
2. SDK overrides
3. Manual overrides in the CMS





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OVP Outlinks

We define outlinks as entities/pages that can be linked out from widgets, in this case the Schedule widget, but the same logic can be applied to all the Content widgets:

- Video Session
 - It is a group of event units based on the broadcasting schedule
 - Depending on the sport or Olympic day a video session can include 1 or multiple events units, eg a Basketball Match or a Swimming session
- Events units and phases
 - The individual events (or phases) within a video session
E.g. a Basketball Match or a Heat in a Swimming session
- Result
- Highlights
- Medals table
- Live video carousels



Outlinks Examples in the OVP Schedule

Element	Configurable from CMS	Optional
1 Link to results	YES	YES
2 Link to Highlights	YES	YES
3 Link to Event video unit or Phase video Same link for live and non live	YES	Yes
4 Link to Video Session Same link for live and non live	YES	YES

04:00 — 05:30 **Men's Singles**
Second Round

GER Harutyunyan
RUS Dunaytsev

1 Results
2 Highlights
3 Full Replay

08:00 — 10:30 **Men's Singles**
First Round

3 Live

Basketball 3

04:00 Start 4 Live

Preliminary Round

04:00 Men's Preliminary Round • Match 1
IBA vs FRA

06:30 Results and watch

04:00 Men's Preliminary Round • Match 2
IBA vs FRA

06:30 Results and watch

Overriding specific outlinks

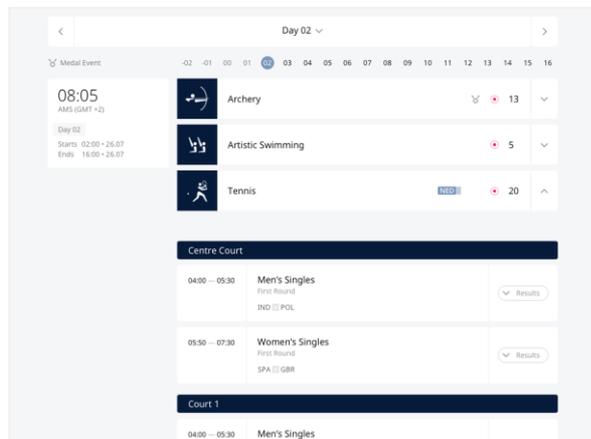
Overriding specific links to live sessions & units from the schedule

User scenario:

An RHB has added the schedule widget to their website but wants to override outlinks to their own video stream from the schedule.

From a user perspective, you will navigate through the schedule as expected and when you click on a session or unit, be directed to the video stream on the RHB website.

Schedule (widget)



Video (RHB site)



Option 1 - Redirect method

This option involves the RHB redirecting all outlinks using a 301 redirect

The steps include:

- Within the OVP CMS, the RHB has an option to send all schedule outlinks (for sessions and units) to point to a virtual page on the RHB environment.
- This will result in all individual session and unit links from the schedule pointing to this virtual page on the RHB site.
- The RHB will then need to setup a 302 redirect, from this virtual page to any page the RHB wants the user to be redirected to.
- In this virtual page the RHB will need to implement some logic to redirect the user to specific pages depending on the session / unit selected from the schedule.
- This option will require RHB(s) to know the ID(s) of the individual items. Which is available through the `api/event-units` API or spreadsheet.

Option 2 - SDK override

This options allows the RHB to change outlink behaviour via the frontend SDK to their own direct URL. This will require some integration.

The steps include:

- Understanding the OVP SDK
- Integrating JS script to override outlink functionality in the OVP SDK
- Knowing the ID(s) of individual elements that will require updates either by using the OVP API (for example, api/event-units) or by having a mapping document that can be shared

Methods

The following methods are available on `OVP.navigation`.

`afterCreateLink(fn)`

The `afterCreateLink` hook will be called when a link is about to be rendered in the UI, that would link out to a widget that can live on another page.

This hook can be used to change the link that will be used in the UI, in case the default CMS configuration is not sufficient for all use cases.

The `fn` function will receive the following arguments:

- `name: string` The name of the link, as configured in the CMS.
- `link: string` The link that will be used based on the CMS configuration.
- `params: object[string]` An object with all the relevant information about the link entity, which can be used to create and return a custom link from this function.

The `fn` can return the following:

- A `string`, the changed link that will be used instead.
- `null`, to not render the item as a link. The `beforeNavigate` hook will still be fired to do some custom logic.
- `undefined`, to use the link as-is.

Example:

```
1 OVP.navigation.afterCreateLink((name, link, params) => {
2   if (name === 'athlete-detail') {
3     // return custom link
4     return '/athlete/' + params.id + '/' + params.slug;
5   }
6   if (name === 'video') {
7     // don't render as a navigation link
8     return null;
9   }
10
11 // anything else will return undefined, which will just use the passed link as-is
12 });
```

Option 3 - CMS Manual override *(On the roadmap)*

This option will remove the need to implement a redirect or SDK override. Instead the CMS will provide the ability to manually override individual outlinks:

For this solution, please note:

- The override can happen on the predefined outlinks inside the OVP

Note:

This is a new feature which is not currently included in the OVP. It's on the roadmap and due for delivery in January 2020.

This is considered a simpler option for RHBs wishing to override only a few outlinks, for example if the RHB only has a few streams of their own.

Configuration of Outlinks from the OVP widgets

Configuration

The following configuration within the CMS manages the outlink settings for all entities - such as schedule, medals, video event etc.

All these different outlink types will have predefined configuration:

1. Predefined Base URL
2. Main path
3. Parameters

The Configuration can be updated in the CMS and/or via the other methods listed - including redirects.

The Configuration will be applied to all individual elements within the same type

RHB Integration Save

Outlinks

Search... Clear Search

Name	Configuration	Example
Schedule	<p>URL 🔗</p> <p><code>/schedule/day/sport</code></p> <p><code>/schedule/day:sport</code></p> <p>AVAILABLE PARAMETERS 🔗</p> <ul style="list-style-type: none"><code>day</code><code>sport</code><code>filter</code> <input checked="" type="checkbox"/> <input type="text" value="f"/><code>sort</code> <input checked="" type="checkbox"/> <input type="text" value="s"/>	<p>EXAMPLE URL 🔗</p> <p><code>https://www.example.com/schedule/12/basketball?f=foo&s=bar</code></p> <p>TEST DATA 🔗</p> <pre>{ "day": "12", "sport": "basketball", "filter": "foo", "sort": "bar" }</pre>
Medal Table	<p>URL 🔗</p> <p><code>/medals/tab/sort</code></p> <p><code>/medals/tab:sort</code></p> <p>AVAILABLE PARAMETERS 🔗</p> <ul style="list-style-type: none"><code>tab</code><code>sort</code>	<p>EXAMPLE URL 🔗</p> <p><code>https://www.example.com/medals/countries/population</code></p> <p>TEST DATA 🔗</p> <pre>{ "tab": "countries", "sort": "population" }</pre>
Video Event	<p>URL 🔗</p> <p><code>/video/id:slug/unit</code></p> <p><code>/video/id:slug:unit</code></p> <p>AVAILABLE PARAMETERS 🔗</p> <ul style="list-style-type: none"><code>id</code>	<p>EXAMPLE URL 🔗</p> <p><code>https://www.example.com/video/18403/basketball-mens-finals/4930</code></p> <p>TEST DATA 🔗</p> <pre>{ "id": "18403", "slug": "basketball-mens-finals", "unit": "4930" }</pre>

Outlinks to Replays

Managing full-length replay links to sessions & units from the OVP Schedule

In this user case, the RHB has shown a live stream and then wants to link to the corresponding replay, whether a session, phase or unit. For this scenario, in the situation where an RHB uses different URLs for a replay than for the Live version, the RHB will need to re-edit the OVP Schedule outlink for the replay. This is because within the OVP itself, full-length replays and live videos have the same outlink URL and so they cannot be outlinked to separately at the same time.

This will require additional code implementation or be fully handled by the RHB team. These two options still apply for approaching this:

- A) Redirect method
- B) SDK override

For the manual CMS option it is still TBD whether this will be enabled or not.

We recognise the system will need to notify the RHB that the status has changed from live to replay, so the links can be changed either manually or automatically. The exact method / approach of this notification is in development and will be shared shortly.

User scenario:

An RHB has added the schedule widget to their website but wants to override outlinks to full-length replay videos once a live stream has finished.

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THANK YOU