

Betconstruct Sportsbook frontend integration document

version 0.14

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Revision history

Name	Date	Version	Changes
Arsen Soghomonyan (arsen.soghomonyan@betconstruct.com)	Dec. 29, 2014	0.1	Initial version
Arsen Soghomonyan (arsen.soghomonyan@betconstruct.com)	Jul. 15, 2015	0.12	Added switchSportsbookLayout callback and new languages
Tigran Niksalyan (tigran.niksalyan@betconstruct.com)	Jul. 23, 2015	0.14	Added 'userInactive' callback option and new languages

Summary

This document is intended for BetConstruct Clients (Operators), who have their own site with existing integrations to other game providers and wish to integrate Betconstruct Sportsbook in an **iframe**.

Requirements

To be able to provide parent-iframe communication mechanism in a cross-browser way setting **document.domain** of parent and iframe windows to same value is done by integration script.

Thus the iframe and the parent window **must have the same top-level domain**.

Integration

To include the iframe on website 2 tags have to be placed on page where it should be displayed:

```
<div id="bcsportsbookcontainer"></div>
<script id="bcsportsbook"
src="http://sportsbook.example.com/js/partnerinit.js?containerID=bc
sportsbookcontainer&callbackName=bettingCB&oddsType=decimal&type=pr
ematch&UserId=123456&AuthToken=anonymous&lang=eng&sport=852&region=
327693"></script>
```

This will automatically create an iframe with sportsbook inside the container div element.

the <script> element id cannot be changed, it must be "bcsportsbook". the container <div> element's id can be changed but must be passed to script as a parameter(see below).

URL parameters passed to script are:

mandatory:

- **containerID** - the id of html element where sportsbook will be inserted
- **UserId** - ID of the user in partner platform (for partner API backend)
- **AuthToken** - auth token generated for user (to pass to Partner API backend). Can be set empty or "anonymous" if yo don't want to login the user.

optional:

- **lang** - 3 letter language code (see [appendix 1](#) for available values)
- **oddsType** - displayed odds format ("*decimal*", "*fractional*" or "*american*")
- **dynamicheight** - if set, iframe will change it's size according to its' content (on initial load and on parent windows resize).

This is only needed for the Modern version of sportsbook.

For the Classic version iframe can have fixed height, contents will fit.

Here's sample css for iframe:

```
#bcsportsbookcontainer { float: left;width: 100%;height:
700px;position: relative;overflow: hidden;}
#bcsportsbookcontainer iframe {height: 800px;position: absolute;top:
-100px;width: 100%;left: 0;}
```

- **callbackName** - name of callback function that will be called by sportsbook(see detailed description below)

NOTE: all parameter names are case sensitive

Deep linking

The following deep linking parameters can be passed to script as parameters to open specific sport/region/competition/game on sportsbook load:

type - 0 or "prematch" for pre-match, 1 or "live" for live

sport - sport id

region - region id

competition - competition id

game - game id

These ids can be obtained from odds feed or by opening sportsbook frame in a separate window, navigating to specific game and copying them from page URL.

page (works if not only sportsbook is enabled for partner) - the route of page to display on initial load (e.g. "/poolbetting", "/news", "/casino" etc.). If not set the default page(sportsbook) will be loaded.

Callback function

callback function should be available in parent page's global scope (i.e. inside window object).

It's called in the following cases:

1. On balance update with 2 parameters: ('balance', <Balance Object>).
Balance object is a JS object containing balance information (amount, currency, etc.)
2. When clicking 'sign in' or 'register' buttons inside sportsbook(if requested and enabled for partner). In this case 2 parameters will be passed to function:
 - when clicking sign in button: ('login', 'betslip')
 - when clicking register button: ('register', 'betslip')*second parameter, "betslip", indicates from where the button is clicked.*
3. When a game is deeplinked and it's automatically scrolled into view, the game element offset will be passed to callback function:
('selectedGameOffset', <offsetObject>), where <offsetObject> is an object containing game element top and left offsets
4. if requested and enabled for partner: when iframe size changes, it will call function with 2 parameters: ('windowSize', <SizeObject>), where <SizeObject> is an object containing iframe width and height
5. if requested and enabled for partner: when sportsbook body height changes, it will call function with 2 parameters: ('bodyHeight', <height>), where <height> is the body element height
6. On sportsbook layout change(if several sportsbook layouts are enabled), function will be called with 2 parameters: ('switchSportsbookLayout', <type>), where <type> is the type that sportsbook is being switched to ('modern', 'classic' or 'asian')
7. if requested and enabled for partner: if user is inactive for some time(configurable) function will be called with ('userInactive') parameter. You can perform logout or do whatever is needed in this case.

Accessing sportsbook functionality from parent window

the integration script will create an object called **htmlHelper** in it's window(window containing iframe) scope, which have the following methods for accessing sportsbook functionality after it's loaded:

- `switchTo(page)` - page parameter should be 'live' or 'prematch'. Will switch to live or pre-match games page.
- `getSportsbookUrl` - will return iframe URL
- `setOddsType(type)` - will set odds display format. type parameter should have one of 3 values: *"decimal"*, *"fractional"* or *"american"*
- `open(page)` - will open top slider with specified page. *page* parameter can be *"mygames"* for favorite games or *"history"* for bet history page.

Appendix 1 - available language codes

Code	Language
arm	Armenian
bgr	Bulgarian
bos	Bosnian
chi	Chinese
cze	Czech
dut	Dutch
eng	English
fas	Farsi
fre	French
geo	Georgian
ger	German
gre	Greek
hrv	Croatian
ita	Italian
jpn	Japanese
kor	Korean
lit	Lithuanian
nor	Norwegian
mac	Macedonian
pol	Polish
por	Portuguese
pt-br	Brazilian Portuguese
rus	Russian
slv	Slovenian
spa	Spanish
srp	Serbian
swe	Swedish
tur	Turkish
ukr	Ukrainian

Appendix 2 - sample code utilizing all described functionality

```
<html><body>
<script>
(function() {
    window.bettingCB = function bettingCB(name, value) {
        if (name === "balance") {
            console.log("balance:", value);
        } else if (name === "login") {
            console.log("login button clicked from ", value);
        } else if (name === "register") {
            console.log("register button clicked from ", value);
        } else if (name === "selectedGameOffset") {
            console.log("current displayed game has offset - x:",
                value.left, "y: ", value.top);
        } else if (name === "windowSize") {
            console.log("iframe size:", value.width + "x" + value.height);
        } else if (name === "bodyHeight") {
            console.log("iframe body height changed to:", value);
        } else if (name === "switchSportsbookLayout") {
            console.log("Sportsbook type changed to:", value);
        } else if (name === "userInactive") {
            console.log("User inactive. Perform logout.");
        }
    }
})();
</script>
Open:
<a href="#" onclick="window.htmlHelper.open('mygames');">mygames</a>
<a href="#" onclick="window.htmlHelper.open('history');">history</a>
Switch to:
<a href="#" onclick="window.htmlHelper.switchTo('live');">live</a>
<a href="#" onclick="window.htmlHelper.switchTo('prematch');">prematch</a>
Set odds display type:
<a href="#" onclick="window.htmlHelper.setOddsType('decimal');">decimal</a>
<a href="#" onclick="window.htmlHelper.setOddsType('fractional');">fractional</a>
<a href="#" onclick="window.htmlHelper.setOddsType('american');">american</a>

<div id="bcsportsbookcontainer"></div>
<script id="bcsportsbook"
src="http://sportsbook.example.com/js/partnerinit.js?containerID=bcsportsbookcontai
ner&callbackName=bettingCB&oddsType=decimal&type=prematch&AuthToken=anonymous&lang=
eng&sport=852&region=327693"></script>

</body></html>
```