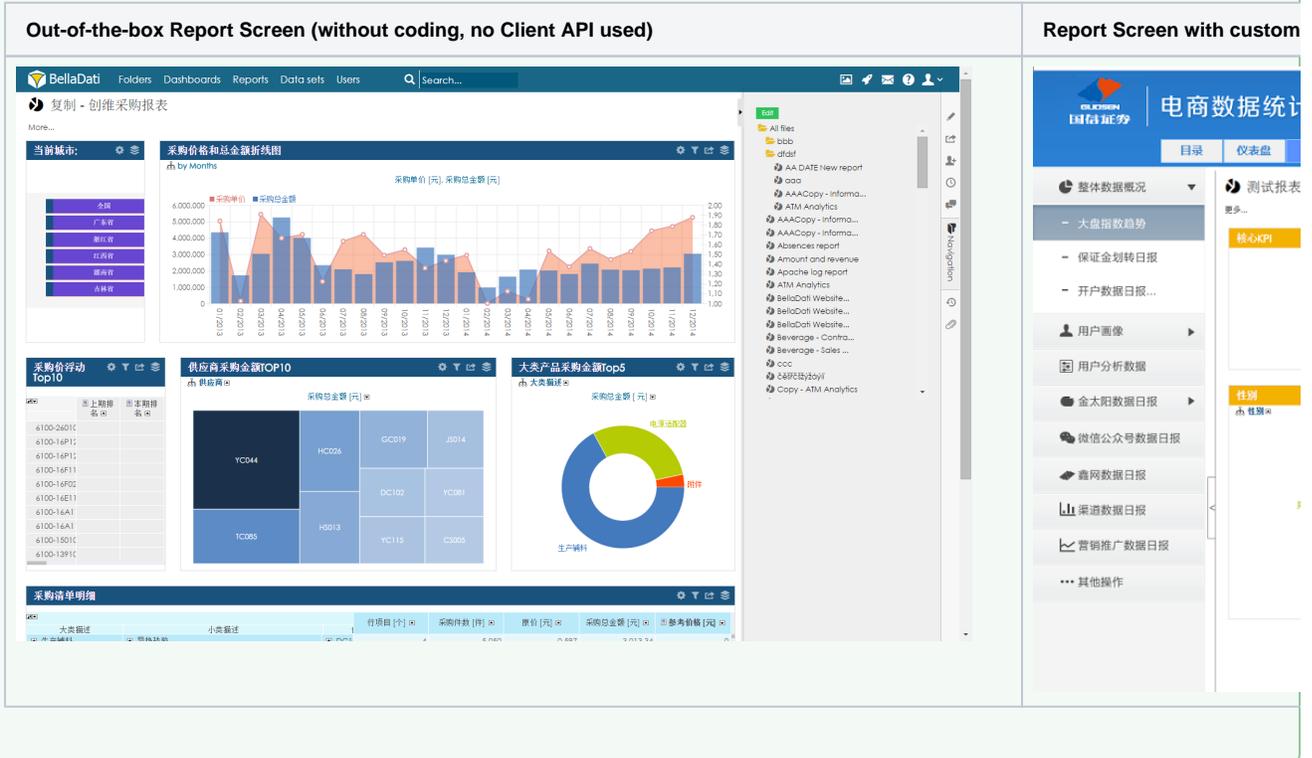# Client API

BellaDati **Client API** is a stateful HTTP based API available directly from the web browser. This API is dedicated for **Javascript** usage.

You can use the **BellaDati Client API** to extend BellaDati front-end functions or create various UI components. The most common use-cases are:

- designing and implementing own menu structure and user controls inside report or dashboard
- creating customized messaging and chatting functions
- accessing detailed information about users, reports and dashboards

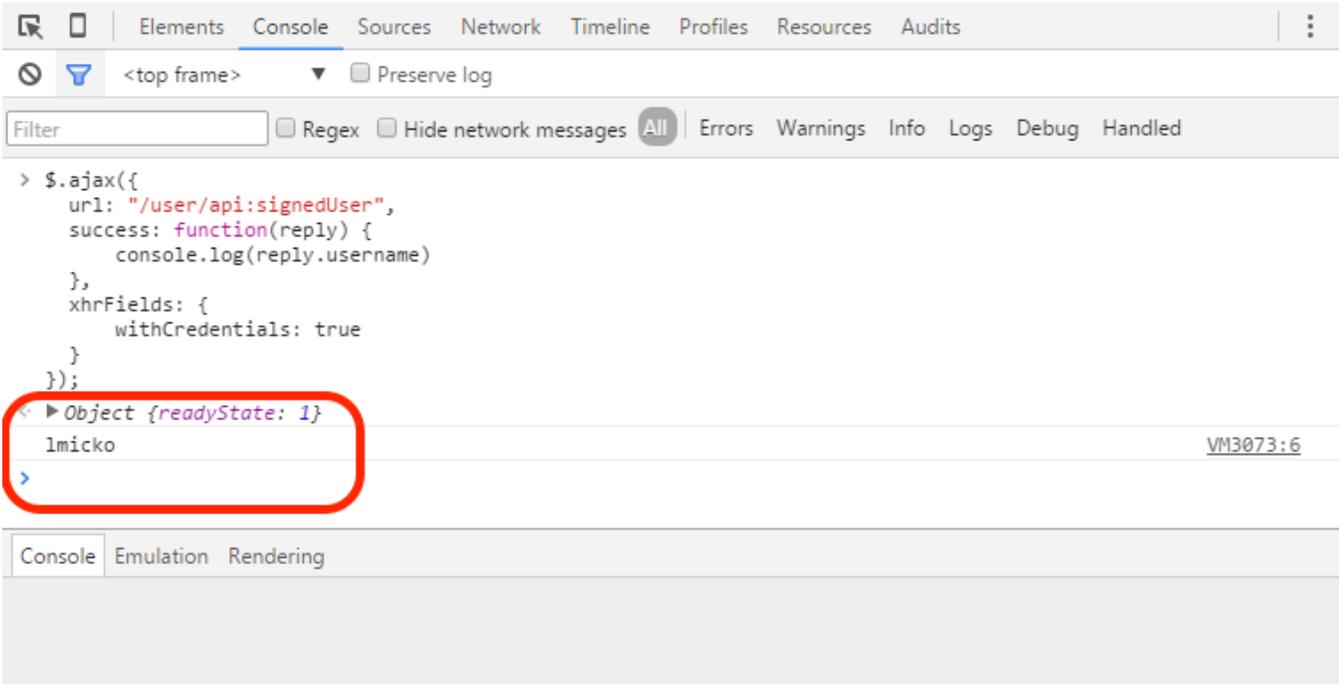| Out-of-the-box Report Screen (without coding, no Client API used)	Report Screen with custom

How to start

Activate Development console in your favourite web-browser using the following steps.

- **Chrome** Windows and Linux (Shift + Ctrl + J)
- **Chrome** Mac OS (Option + Command + J)
- **Firefox** Windows and Linux (Shift + Ctrl + K)
- **Firefox** Mac OS (Option + Command + K)
- **Internet Explorer Windows** (F12 or Fn + F12)
- **Safari Mac OS** (Enable Develop option by following steps - Command + comma, than click *Advanced*, than select *Show Develop* in menu bar, close window an use keys Option + Command + C)

Example - Getting signed user

Log-in into BellaDati. Into the activated development console write following script:

As a result, the current user's username will be displayed in the console.

```
> $.ajax({
    url: "/user/api:signedUser",
    success: function(reply) {
        console.log(reply.username)
    },
    xhrFields: {
        withCredentials: true
    }
});
▶ Object {readyState: 1}
lmicko                                                                    VM3073:6
>
```

Console Emulation Rendering

How to get API call overview from BellaDati GUI

The API call overview can be displayed directly in BellaDati GUI. This option is displayed only for users who have enabled the developer mode. Developer mode can be enabled in the user profile.

After the developer mode is enabled, API call icon will be displayed for all related components:

? Unknown Attachment

API call overview is displayed in:

1. Report detail -> for each type of the view (chart, table, KPI label, geo map, custom content view)
2. Search/Reports page -> for each report, user, dataset
3. Data set detail -> Data collecting forms -> for each form

In import history, the ID of each import execution is displayed.

mport history

File imports	Import history

| All ▼ | M/d/yyyy h:mm:ss a | 📅 | M/d/yyyy h:mm:ss a | 📅 | Se |

ID ⬍	Status	Data source	Executed when ⬍
653872	✅ Completed	File imports	6/21/2017 8:49:10 AM

Close