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Announcement

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## Caché WebTerminal v4 Release

Greetings, InterSystems community!

I am pleased to announce that the web terminal project, [Caché WebTerminal](#) version 4 gets its release! After long period of enhancing this web application from 2013, it came to the version 4, which features major stability and security improvements, intelligent autocomplete and syntax highlighting, convenient SQL mode and a lot of other useful features.

The goal of this article is to spread the knowledge about this project over the InterSystems community.

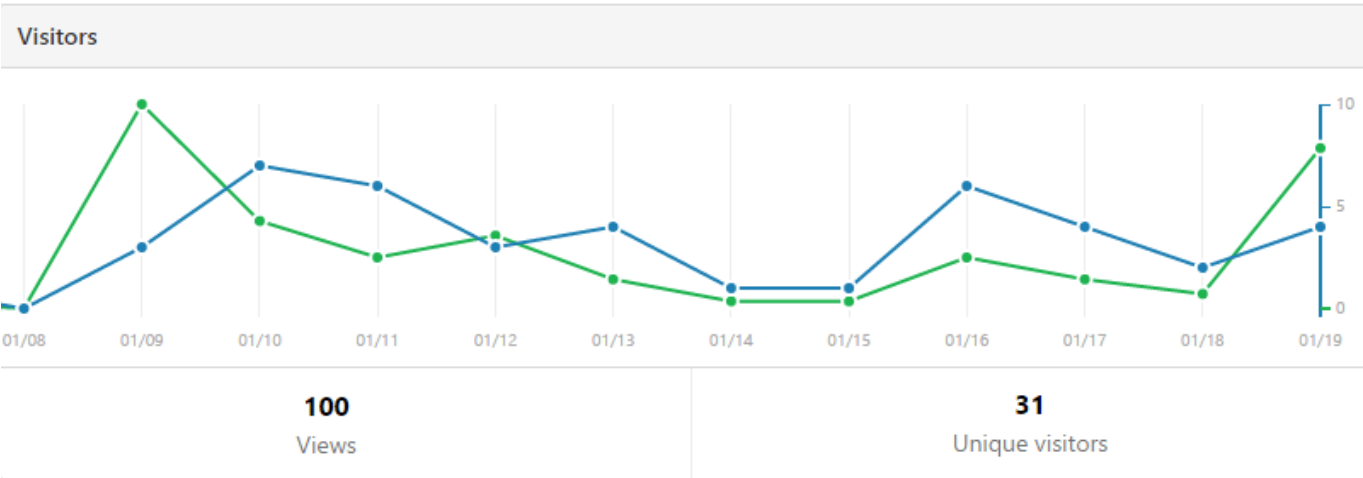
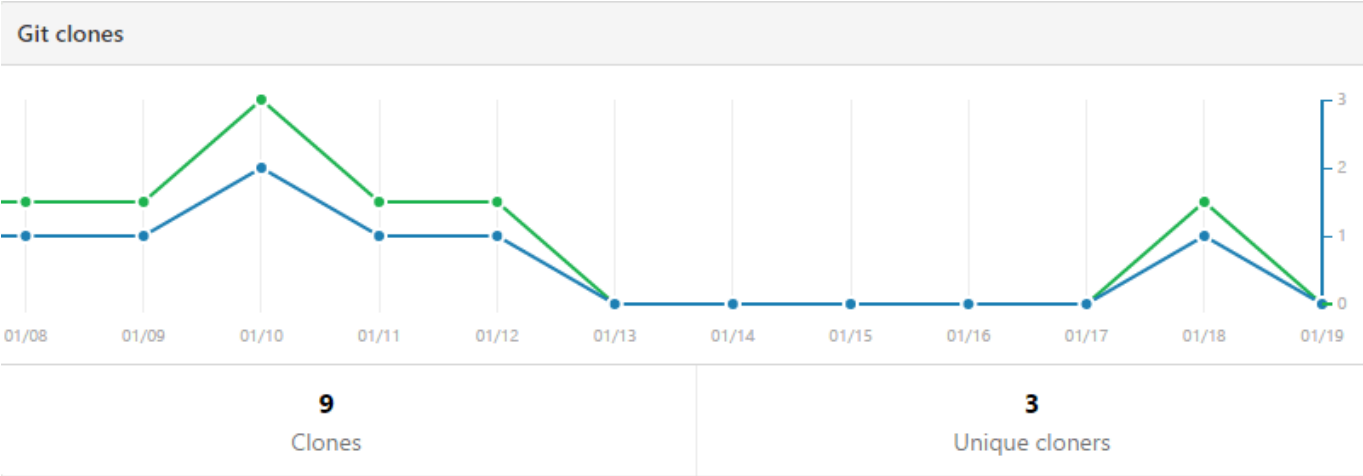
[Caché WebTerminal](#) is a web-based terminal for InterSystems products built on top of InterSystems Caché. The power of this project is not only in projecting the standard terminal utility onto the browser. WebTerminal is a flexible tool that can be easily embedded into any other projects, used on mobile devices and vastly enhance the user experience.

## History

The development of the first version of WebTerminal project started in 2013, during my first internship in InterSystems corporation in Russia (it was the closest office to my homeland, Ukraine). From that time WebTerminal project grew up a lot and found its place across the InterSystems corporation and its partners, who had noticed this project on [InterSystems-RU GitHub](#) and some [other resources](#), or just by [Googling](#).

Now WebTerminal is used around the world. It was embedded to InterSystems IDEL (Interactive Development Environment for Learning) project, [Caché Visual Editor](#) project, to the Atom-based Caché Studio and is mostly used by developers for the development in local and remote environments.

The analytics shown below demonstrates the interest in WebTerminal GitHub repository page views on [intersystems-ru GitHub](#) by users for the past days:



Referring sites		
Site	Views	Unique visitors
github.com	21	11
intersystems-ru.github.io	16	6
Google	8	7
community.intersystems.com	2	1
intersystems.com	1	1
sql.ru	1	1

Popular content	
Content	Views
intersystems-ru/webterminal: The first a...	34
webterminal/src at master	5
Caché WEB Terminal v4 · Issue #61	5
Issues	4
Releases	3
webterminal/readme.md at master	2

\* Presented analytics is not precise and demonstrates only approximate data.

## Features

Caché WebTerminal project has its own [homepage](#), and you can find the full list of its features [there](#). The list below summarizes the most important ones.

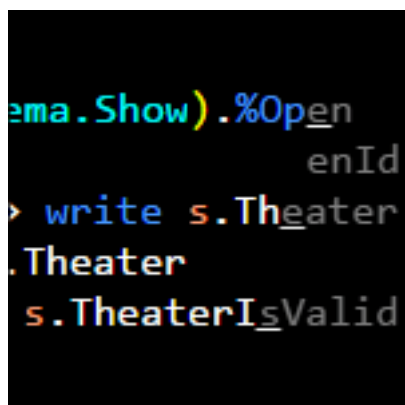


Terminal In The Browser

Just enter the URL of the server you need to connect to, and use it from the browser. No need to install any software. The simplest way to share the developer access to your server. It's [safe](#).

### Terminal For Mobile Devices

As well as for desktop browsing, you can use mobile device to perform operations.

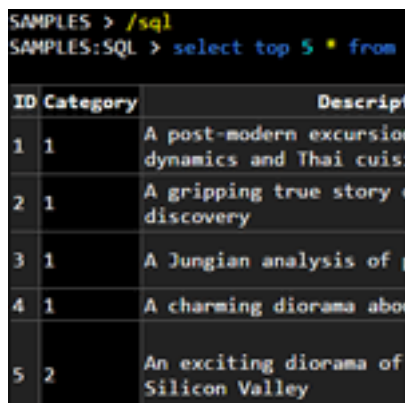


Intelligent Autocomplete

WebTerminal understands the context and suggests the endings for you: class names, class method and instance method names, variables in current context, their properties and more.

### Clever Syntax Highlighting

WebTerminal highlights Caché ObjectScript and SQL code not just by keywords, analyzing the structure of the command and giving the intelligent highlighting.

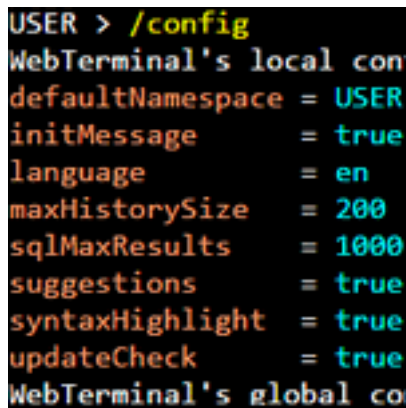


Embedded SQL Mode

No need to switch so often to SQL shell — WebTerminal has embedded SQL mode which renders native HTML table with output.

### Tracing Globals / Files And Remembering Commands

Using WebTerminal's special commands you can start to track changes in Globals or files, save frequently used commands, etc.

A screenshot of a terminal window showing the configuration of WebTerminal. The prompt is 'USER > /config'. The output lists several settings: 'WebTerminal's local con', 'defaultNamespace = USER', 'initMessage = true', 'language = en', 'maxHistorySize = 200', 'sqlMaxResults = 1000', 'suggestions = true', 'syntaxHighlight = true', 'updateCheck = true', and 'WebTerminal's global co'.

```
USER > /config
WebTerminal's local con
defaultNamespace = USER
initMessage       = true
language          = en
maxHistorySize    = 200
sqlMaxResults     = 1000
suggestions       = true
syntaxHighlight   = true
updateCheck       = true
WebTerminal's global co
```

Customizable

WebTerminal can be [customized](#) to match your needs.

Embeddable

WebTerminal can be embedded to any other web applications and is configurable with [URL parameters](#).

## Description, Documentation and Downloads

If you are interested in WebTerminal project, you can find out more information on [the project's page](#). There is a rich [documentation](#) tab explaining how to [install](#) and use WebTerminal.

The installation process is easy: you just need to [download](#) and import the XML file to your Caché system. Then you will have the web application set up automatically. To restrict the access to this web application for particular users, or to solve any problems during the installation please refer to the related [documentation section](#). If there are any cases not covered by docs, submit your case to the [project's issue tracker](#).

Caché WebTerminal is an open-source project, and anybody is welcome to join for its development on [InterSystems GitHub](#). Feel free to submit any bugs or features requests to the [project's issue tracker](#). Check the [contributing section](#) in docs to get some ideas of what you can [help](#) or start with.

We would be glad to see any feedback on this project! There are a lot of things can be done to enhance WebTerminal usage experience, and there are still some things that [need to be done](#), but the project is live and please do not hesitate [to submit](#) any problems or request for extending WebTerminal's functionality or API.

Thanks and enjoy using WebTerminal!

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[#Caché](#) [#Open Exchange](#)

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