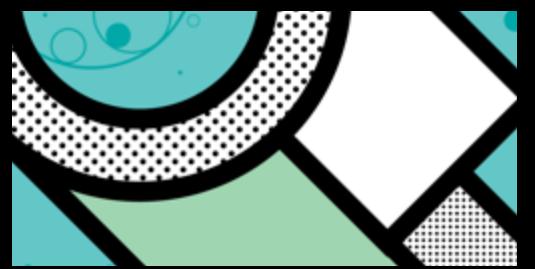
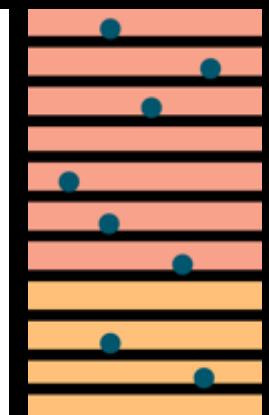


# Visual Studio Code



InterSystems ObjectScript Extension

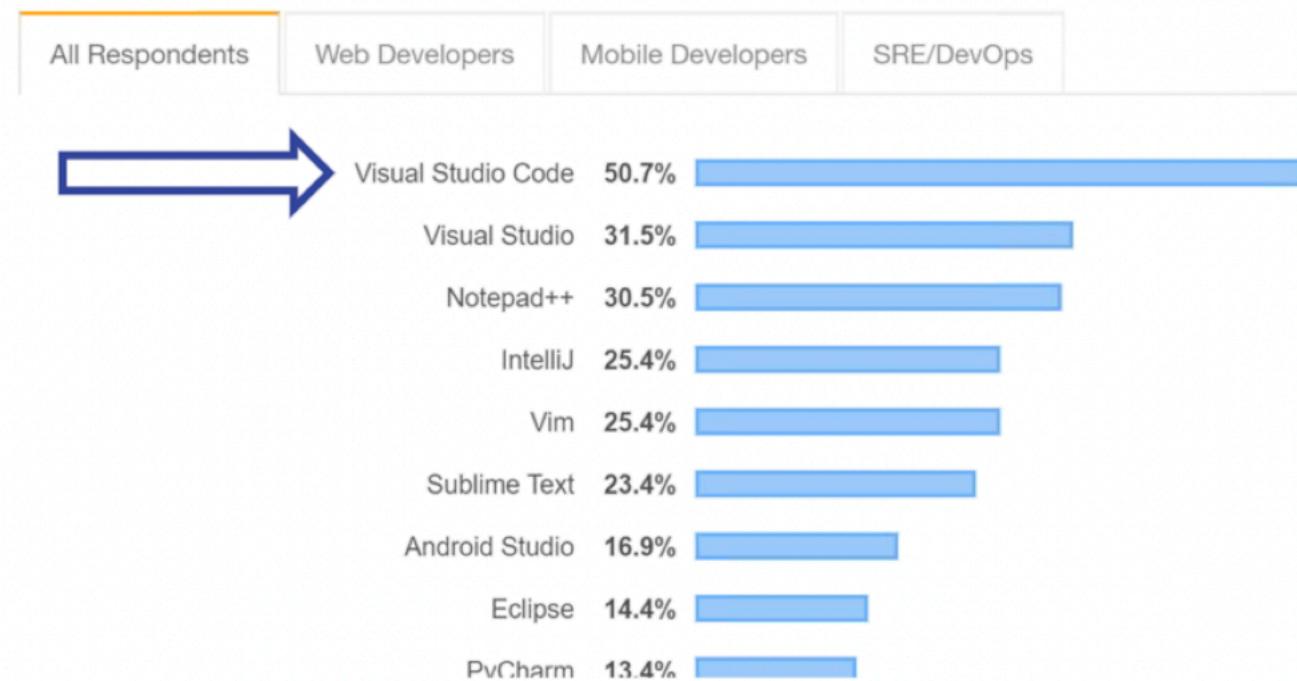


# Developer Productivity



## Development Environments and Tools

### Most Popular Development Environments

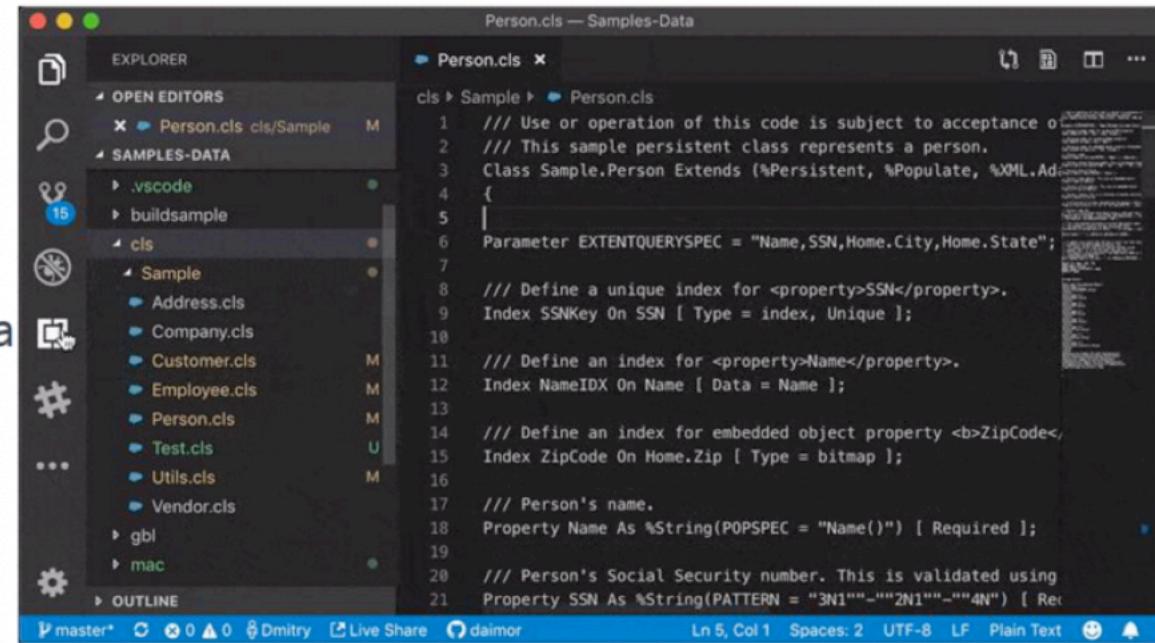


# Visual Studio Code IDE Support

## Benefits

Faster, better coding experience

- Modern & mainstream: biggest web developer and data science (Python) community of all IDEs
- Great GitHub integration
- Built for the future: Visual Studio Code is an open source project led by Microsoft, built on a modern technology stack



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files and folders, including 'Person.cls' and 'cls'. The main editor area displays a class definition for 'Person.cls' with code like:

```
1 // Use or operation of this code is subject to acceptance of the
2 // This sample persistent class represents a person.
3 Class Sample.Person Extends (%Persistent, %Populate, %XML.Advanced);
4 {
5
6 Parameter EXTENTQUERYSPEC = "Name,SSN,Home.City,Home.State";
7
8 // Define a unique index for <property>SSN</property>.
9 Index SSNKey On SSN [ Type = index, Unique ];
10
11 // Define an index for <property>Name</property>.
12 Index NameIDX On Name [ Data = Name ];
13
14 // Define an index for embedded object property <b>ZipCode</b>.
15 Index ZipCode On Home.Zip [ Type = bitmap ];
16
17 // Person's name.
18 Property Name As %String(P0PSPEC = "Name())" [ Required ];
19
20 // Person's Social Security number. This is validated using
21 Property SSN As %String(PATTERN = "3N1""-""2N1""-""4N") [ Required ];
```

The status bar at the bottom shows 'master\*' in the git icon, 'Dmitry' in the user icon, and 'daimor' in the terminal icon.

*InterSystems will continue to maintain Studio and support Atelier*

# ObjectScript with Visual Studio Code

The image is a composite of two screens. On the left, there is a large teal-colored slide with white text that reads "ObjectScript with Visual Studio Code". Below this text is the InterSystems logo and the tagline "Creative data technology". On the right, there is a screenshot of the Visual Studio Code extension marketplace. The extension shown is "InterSystems ObjectScript" by Dmitry Maslenikov, version 0.7.11. It has a 5-star rating and over 2,272 installs. The description states: "InterSystems ObjectScript language support for Visual Studio Code". The code editor window shows some ObjectScript code:

```
// test +  
// This class contains a method to generate data for Sample package  
Class Sample.Util  
{  
    //Invoke this method to set up the data for these classes.  
    //Create one company for every five people.  
    ClassMethod Generate(personCount As %Integer = 100)  
    {  
        //make sure we always have at least 1 person  
        If (personCount < 1) {  
            Set personCount=1  
        }  
        //never use %KillExtent() in a real application  
        do ##class(Sample.Company).%KillExtent()  
        do ##class(Sample.Person).%KillExtent()  
    }  
}
```

<https://learning.intersystems.com/course/view.php?id=1458&ssoPass=1>



# Github

Screenshot of the GitHub repository page for [intersystems-community / vscode-objectscript](https://github.com/intersystems-community/vscode-objectscript).

The repository has 47 issues, 4 pull requests, 1 project, and no wiki or security issues.

The master branch has 7 branches and 137 tags.

The repository has 624 commits from gjsjohnmurray, the latest being a merge pull request #311 from gjsjohnmurray/fix-282, pushed 1 hour ago.

The repository is about InterSystems ObjectScript support for VS Code, with links to intersystems-iris, intersystems-cache, intersystems-ensemble, and intersystems-ide.

The repository has 137 releases, with the latest being v0.9.0, released 5 days ago.

File/Folder	Description	Last Commit
.github	fix beta releases	6 days ago
.vscode	fixed eslint settings, and set correct default formatter	last month
docs	fixed link to LICENSE	5 days ago
images	fix #157 Use codicon for ObjectScript Explorer's Refresh	3 months ago
snippets	snippets	2 months ago
src	fix #282 Don't clear cached mtime too soon during import	3 hours ago
syntaxes	webpack bundle to make build smaller	2 months ago
test-fixtures	make servermanager optional	2 months ago
.artifactignore	azure pipeline update	14 months ago
.editorconfig	convert to typescript	2 years ago

<https://github.com/intersystems-community/vscode-objectscript>



The screenshot shows the GitHub repository page for 'intersystems-community/vscode-objectscript'. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. The repository name 'intersystems-community / vscode-objectscript' is displayed, along with metrics for 18 unwatched issues, 31 stars, and 27 forks. Below the header, there are tabs for Code, Issues (47), Pull requests, Actions, Projects (1), Wiki (selected), Security, and Insights. The main content area is titled 'Home' and features a welcome message: 'Welcome to the VSCode-ObjectScript wiki!'. A bulleted list provides links to various documentation sections: Installation VSCode-ObjectScript, Connect to InterSystems IRIS, Code Formatting, Export Settings, Debugging, and Server-side Editing. A dashed box at the bottom allows for a custom footer, with a '+ Add a custom footer' button. To the right, a sidebar titled 'Pages 7' lists the following pages: Home, Code formatting, Connect to InterSystems IRIS, Debugging, Export settings, Installation, and Server side editing.

Search or jump to... / Pull requests Issues Marketplace Explore

Unwatch 18 Star 31 Fork 27

Code Issues 47 Pull requests Actions Projects 1 Wiki Security Insights

## Home

jstetson10 edited this page on 1 Apr · 6 revisions

Welcome to the VSCode-ObjectScript wiki!

- Installation VSCode-ObjectScript
- Connect to InterSystems IRIS
- Code Formatting
- Export Settings
- Debugging
- Server-side Editing

+ Add a custom footer

Pages 7

Find a Page...

Home

Code formatting

Connect to InterSystems IRIS

Debugging

Export settings

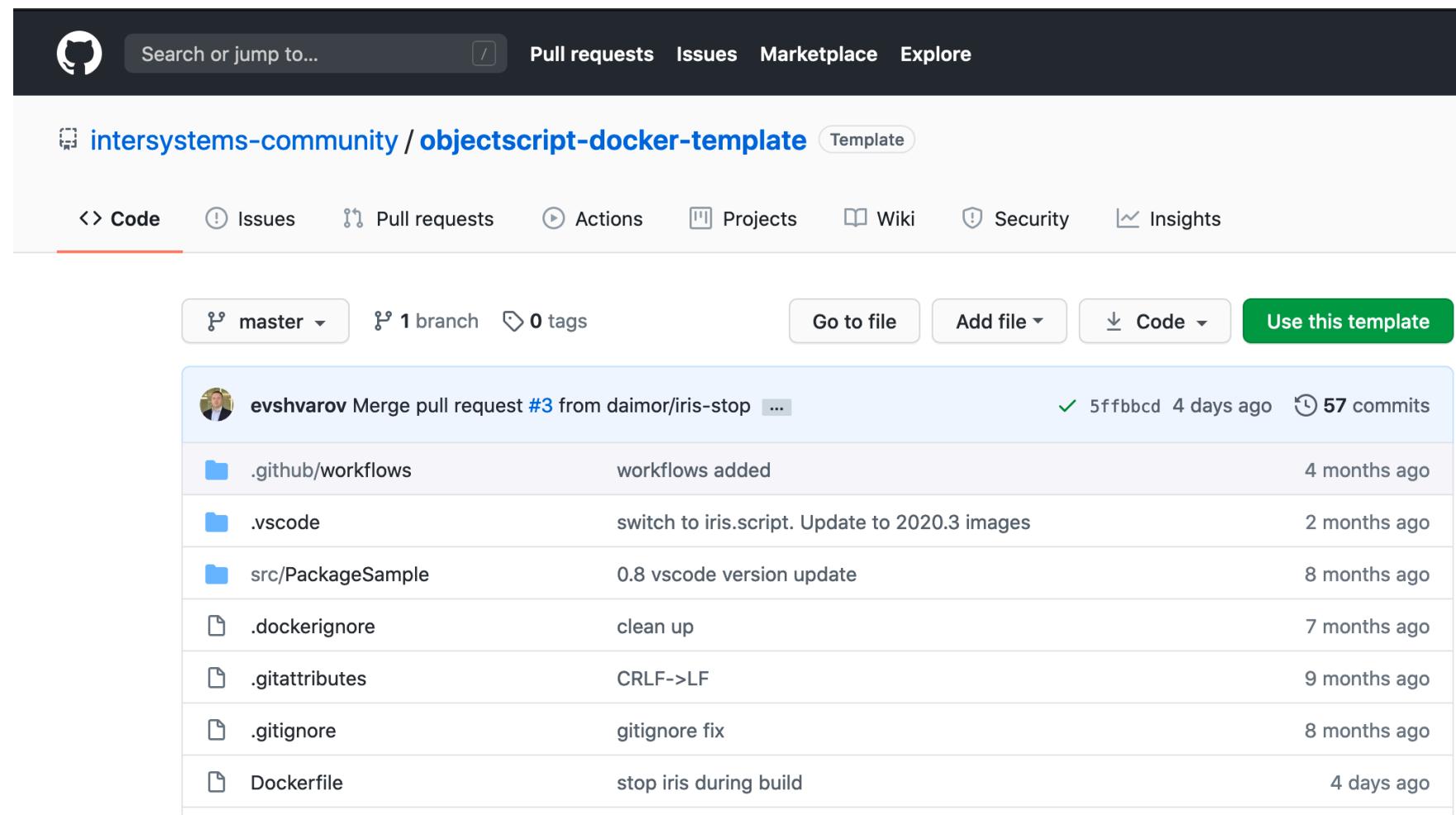
Installation

Server side editing

<https://github.com/intersystems-community/vscode-objectscript>



# Github : objectscript-docker-template



Search or jump to... Pull requests Issues Marketplace Explore

intersystems-community / **objectscript-docker-template** Template

Code Issues Pull requests Actions Projects Wiki Security Insights

master 1 branch 0 tags Go to file Add file Code Use this template

evshvarov Merge pull request #3 from daimor/iris-stop ... 5ffbbcd 4 days ago 57 commits

File	Description	Time
.github/workflows	workflows added	4 months ago
.vscode	switch to iris.script. Update to 2020.3 images	2 months ago
src/PackageSample	0.8 vscode version update	8 months ago
.dockerignore	clean up	7 months ago
.gitattributes	CRLF->LF	9 months ago
.gitignore	gitignore fix	8 months ago
Dockerfile	stop iris during build	4 days ago

Créer un nouveau  
repo Git à partir  
de ce template

<https://github.com/intersystems-community/objectscript-docker-template>



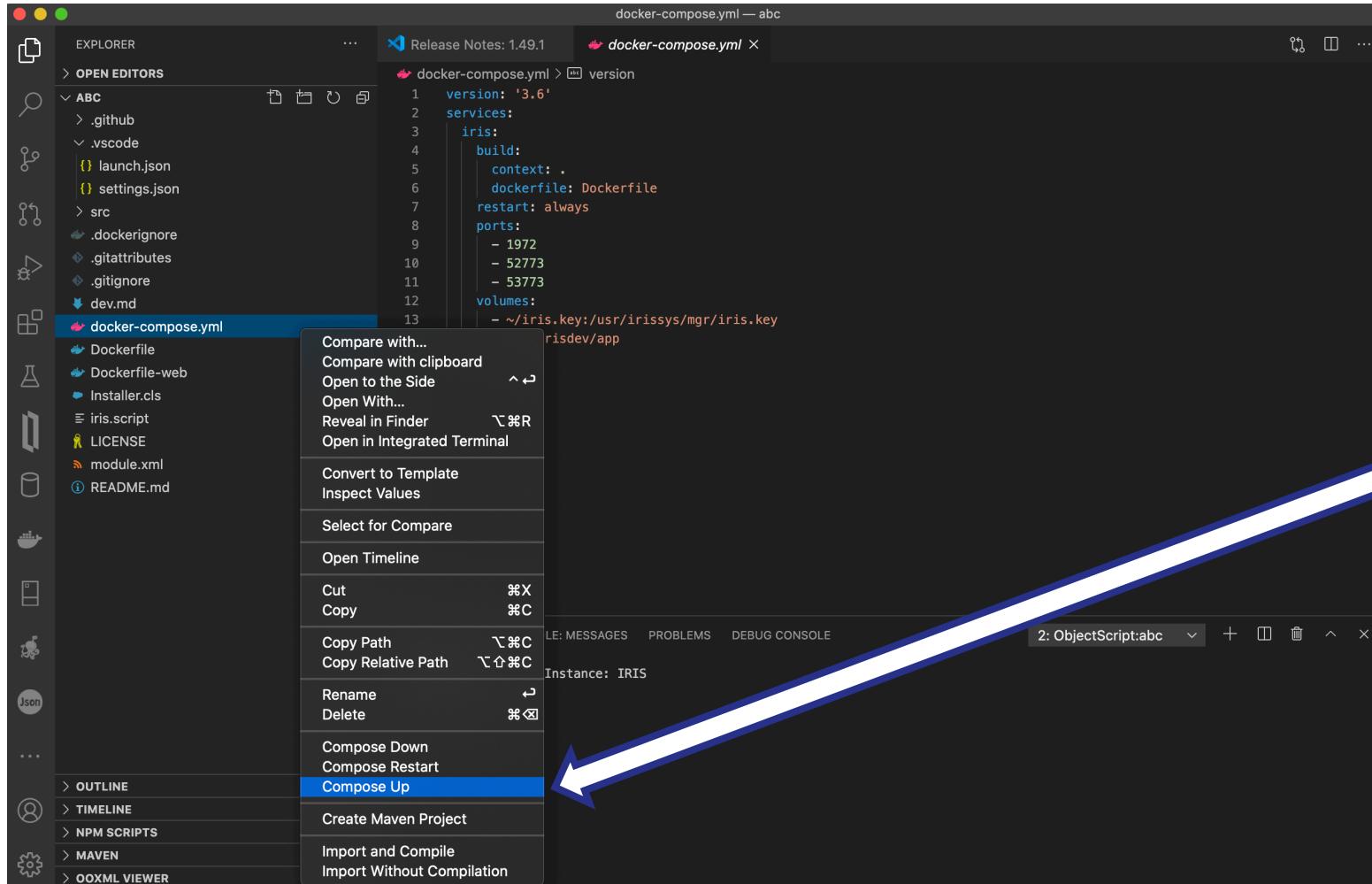
# Github : cloner le nouveau repository et l'ouvrir dans VSCode

The screenshot shows a GitHub repository page for 'SylvainGuilbaud / abc'. The page includes a search bar, navigation links for Pull requests, Issues, Marketplace, and Explore, and a main content area displaying a single commit from 'SylvainGuilbaud' with files like '.github/workflows', '.vscode', 'src/PackageSample', '.dockerignore', '.gitattributes', and 'gitignore'. A context menu is open over the commit, with the 'Code' option highlighted in green. This option has a tooltip: 'Cloner via git clone ou via GitHub Desktop'. A blue arrow points from this tooltip to the 'Code' button in the menu. Below the commit list, the URL <https://github.com/SylvainGuilbaud/abc> is shown.

Cloner via  
git clone ou  
via GitHub  
Desktop

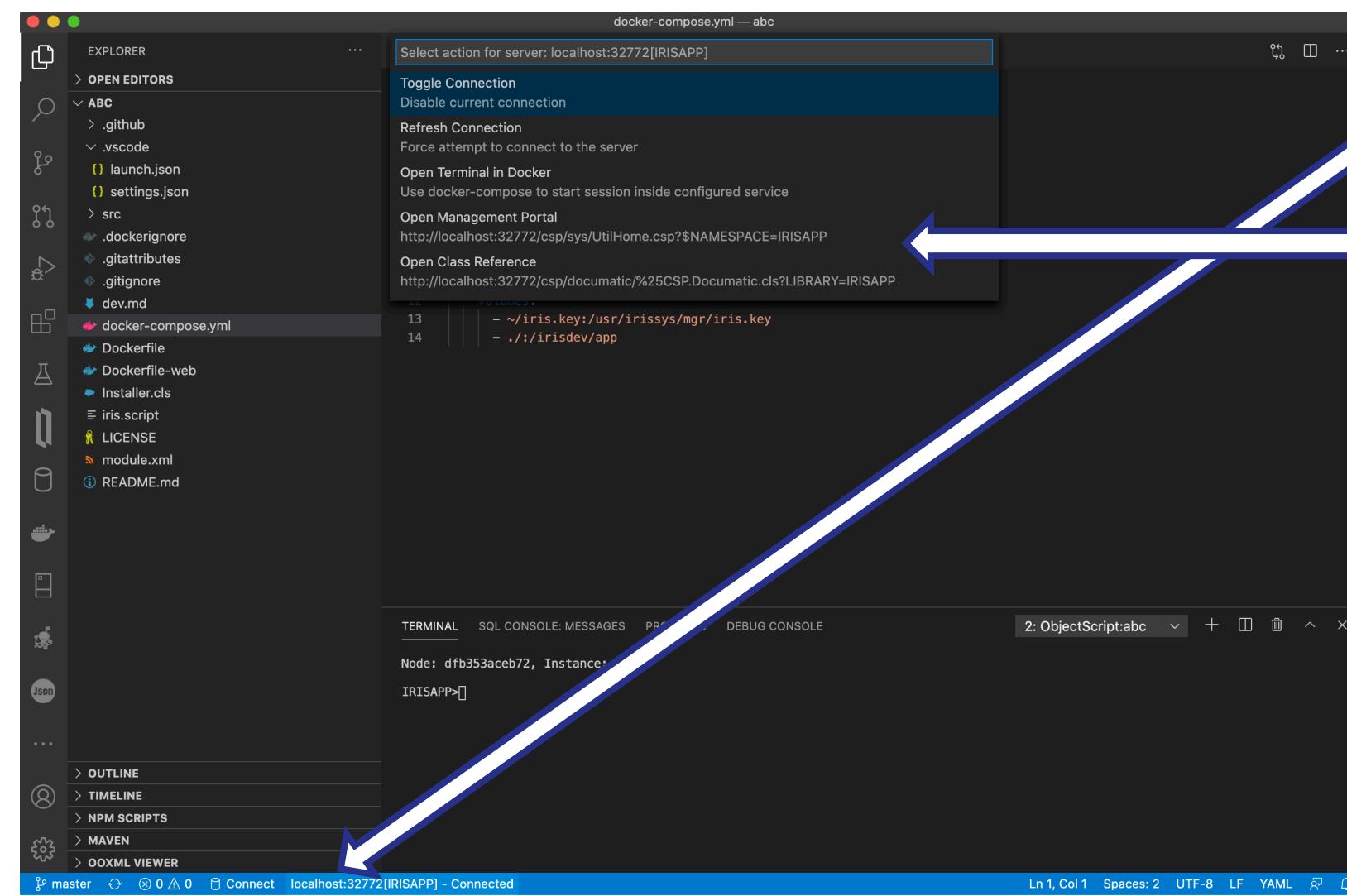
<https://github.com/SylvainGuilbaud/abc>

# Github : cloner le nouveau repository et l'ouvrir dans VSCode



Clic-droit sur docker-compose.yml  
et sélectionner Compose Up pour  
lancer le container iris

# Github : cloner le nouveau repository et l'ouvrir dans VSCode



Cliquer sur la barre d'état de connexion à IRIS pour afficher un menu permettant d'accéder au :

- Terminal
- Portail d'Administration
- Class Reference

The power behind what matters.



**Thank you.**

