

The background of the slide is a photograph of a city skyline at night, featuring a prominent cable-stayed bridge on the right side. The city lights are reflected in the water in the foreground. The overall color scheme is a monochromatic blue and teal.

C^RETDEV

# Introduction to VSCode-ObjectScript

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# Agenda

- What is VSCode?
  - What is VSCode-ObjectScript?
  - Dev process
  - Features
  - Other helpful extensions
  - What's next?
  - Q&A
-

# What is Visual Studio Code?

- Open-source web-based code editor maintained by Microsoft
- Cross-platform: Windows, Linux, macOS
- Top #1 developers choice by StackOverflow survey 2019
- By default delivered with GIT, Javascript, Typescript support
- VSCode Marketplace offers a lot of extensions for almost anything

## Most Popular Development Environments

All Respondents

Web Developers

Mobile Developers

SRE/DevOps



Visual Studio Code > SCM Providers > Perforce for VS Code



## Perforce for VS Code


slevesque | 36,507 installs | ★★★★★ (9) | Free

Perforce integration with VS Code's SCM features

Install

[Trouble Installing?](#)

# Install VSCode - code.visualstudio.com

 Visual Studio Code Docs Updates Blog API Extensions FAQ

Search Docs

Download

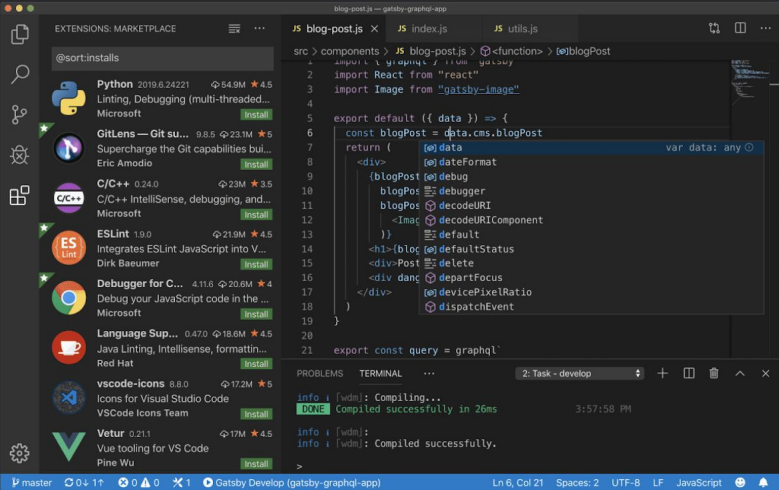
Version 1.44 is now available! Read about the new features and fixes from March.

## Code editing. Redefined.

Free. Built on open source. Runs everywhere.

Download for Mac  
Stable Build

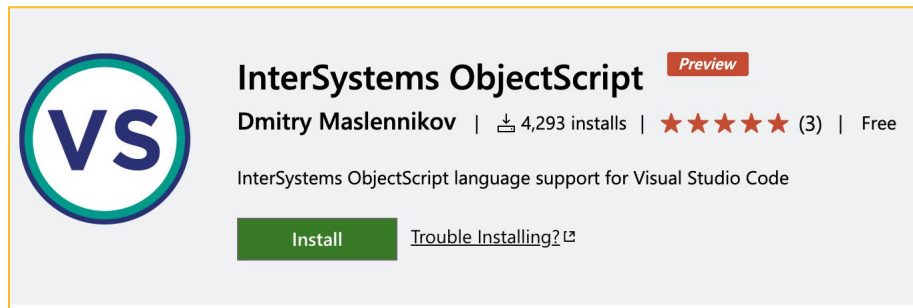
		Stable	Insiders
macOS	Package	<a href="#">↓</a>	<a href="#">↓</a>
Windows x64	User Installer	<a href="#">↓</a>	<a href="#">↓</a>
Linux x64	.deb .rpm	<a href="#">↓</a> <a href="#">↓</a>	<a href="#">↓</a> <a href="#">↓</a>
<a href="#">Other downloads</a>			



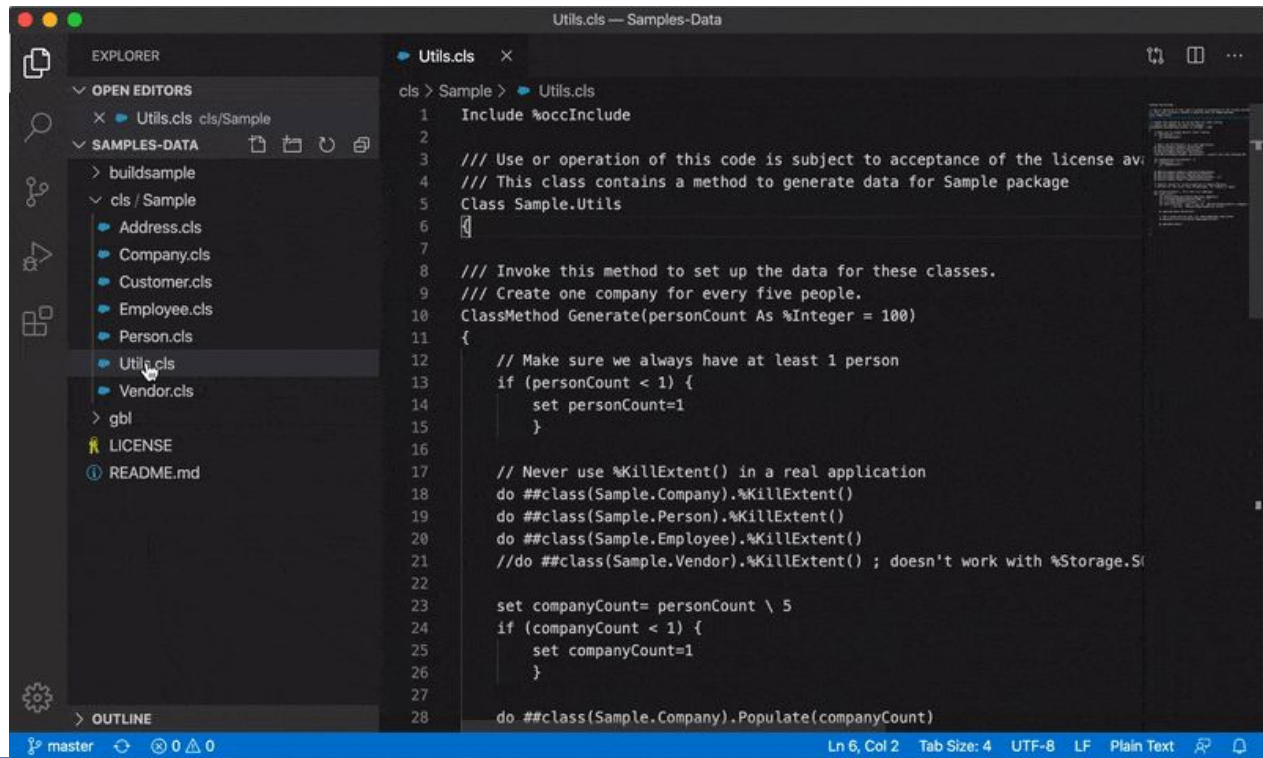
The screenshot displays the Visual Studio Code interface. On the left, the 'EXTENSIONS: MARKETPLACE' sidebar shows a list of installed and available extensions, including Python, C/C++, ESLint, and others. The main editor area shows a React component file named 'blog-post.js' with JSX code. The bottom panel shows the 'PROBLEMS' and 'TERMINAL' tabs, with the terminal output indicating a successful compilation of the Gatsby application.

# What is VSCode-ObjectScript?

- Open-Source project
- Utilizes Atelier API, available for any version since 2016.2
- The initiative is officially supported by InterSystems
- Installed more than 4 thousands times and growing



# Install VSCode-ObjectScript



- Open VSCode
- Go to Extensions on the sidebar
- Type `objectsript` in the search field
- Select extension daimor.vscode-objectsript
- Press button `Install`

# VSCode-ObjectScript features

- Save and compile
  - Intellisense
    - Commands
    - System functions, special system variables
    - Object self members by ..
    - Macrodefinitions
  - Documentation by hover
  - Goto definition
  - Outline
  - Debugging
-



# Other helpful extensions

- objectsriptQuality - static syntax analyzer for ObjectScript  
<https://marketplace.visualstudio.com/items?itemName=litesolutions-es.objectsriptquality-vscode>
  - Docker  
<https://marketplace.visualstudio.com/items?itemName=ms-azuretools.vscode-docker>
  - GitLens - Git supercharged  
<https://marketplace.visualstudio.com/items?itemName=eamodio.gitlens>
-



# What's next?

- Migrate your Studio project to VSCode-ObjectScript
  - Start new project from scratch
  - Diving to debugging
-

# Useful links

- InterSystems joins the open source ObjectScript for VS Code effort  
<https://community.intersystems.com/post/intersystems-joins-open-source-objectscript-vs-code-effort>
  - InterSystems Online Documentation - Visual Studio Code  
[https://docs.intersystems.com/irislatest/csp/docbook/Doc.View.cls?KEY=AB\\_idesetup#AB\\_idesetup\\_isc\\_vsc](https://docs.intersystems.com/irislatest/csp/docbook/Doc.View.cls?KEY=AB_idesetup#AB_idesetup_isc_vsc)
  - VSCode-ObjectScript documentation  
<https://github.com/intersystems-community/vscode-objectscript/wiki>
  - InterSystems OpenExchange  
<https://openexchange.intersystems.com/package/VSCode-ObjectScript>
  - Visual Studio Code Marketplace  
<https://marketplace.visualstudio.com/items?itemName=daimor.vscode-objectscript>
  - VSCode-ObjectScript Online courses  
<https://caretdev.com/courses>
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# VSCode ObjectScript Courses

- VSCode ObjectScript Fundamentals
    - VSCode ObjectScript Features overview. Installation and Setup.
    - Developing InterSystems IRIS application with VSCode ObjectScript from scratch using InterSystems IRIS Docker version
    - Setup VSCode ObjectScript for an existing project with a client connection. Using Git for source control and Github as a source repository.
    - Setup VSCode ObjectScript for an existing project with a server connection
    - Connect to multiple servers at the same time
    - Working in VSCode with server-side hooks
    - Debugging ObjectScript in VSCode
    - Working with helpful VSCode Extensions
  - Order on <https://caretdev.com/courses>
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# Questions

