


Setup

- Editor: Visual Studio Code
 - REST Client Extension
 - fhir-tools Extension
- Github Desktop
- Java Runtime for running HL7 Java Validator and IG Publisher

Visual Studio Code

 Visual Studio Code

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 Download

Version 1.45 is now available! Read about the new features and fixes from April.

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Overview

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Setting up Visual Studio Code



Getting up and running with Visual Studio Code is quick and easy. It is a small download so you can install in a matter of minutes and give VS Code a try.

Cross platform

VS Code is a free code editor, which runs on the macOS, Linux, and Windows operating systems.

Follow the platform-specific guides below:

- macOS
- Linux
- Windows

VS Code is lightweight and should run on most available hardware and platform versions. You can review the [System Requirements](#) to check if your computer configuration is supported.

Update cadence

VS Code releases a new version [each month](#) with new features and important bug fixes. Most platforms support auto updating and you will be prompted to install the new release when it becomes available. You can also manually check for updates by running **Help > Check for Updates** on Linux and Windows or running **Code > Check for Updates** on macOS.

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Common questions


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<https://code.visualstudio.com/docs/setup/setup-overview>

REST Client

Visual Code Extension

1

2

3

The image shows a screenshot of the Visual Studio Code interface. On the left, the 'EXTENSIONS: MARKETPLACE' sidebar is open, displaying a list of extensions. The 'REST Client' extension by Huachao Mao is highlighted in blue. Three blue arrows point from the numbers 1, 2, and 3 to the sidebar, the extension list, and the extension details page respectively.

EXTENSIONS: MARKETPLACE

REST Client

- REST Client** 0.23.2 918K ★ 5
REST Client for Visual Studio Code
Huachao Mao [Install](#)
- Simple REST Client** 1.3.0 9K ★ 5
Easy to examine your API's responses directly within Visual Studio Code
Tino [Install](#)
- SP REST Client** 0.1.4 2K ★ 5
SharePoint REST Client for Visual Studio Code
Sergei Sergeev [Install](#)
- MicroProfile REST Client Generator** 0.1.1 2K
Generate a MicroProfile REST Client using the OpenAPI Generator
MicroProfile Community [Install](#)
- Bemba REST Client** 0.21.1 320
Fork of "REST Client" for internal use at Bemba
bembras [Install](#)
- Self Use REST Client** 1.0.0 213
REST Client for Visual Studio Code
cweijian [Install](#)
- HTTP Client** 0.34.0 16K ★ 5
Simple way to do HTTP requests.
Marcel J. Kloubert [Install](#)
- reStructuredText** 128.0.0 165K ★ 3.5
reStructuredText language support (RST/ReST linter, preview, l...
LeXtudio Inc. [Install](#)
- stREST Client** 0.1.3 445
stREST Client for Visual Studio Code
jgroom [Install](#)
- R LSP Client** 0.1.6 27K ★ 5
R LSP Client for VS Code
REditorSupport [Install](#)
- REST API** 3.0.1 12K
Extension that provides a REST API to control your editor.
Marcel J. Kloubert [Install](#)
- Azure REST for Ansible** 0.0.18 7K ★ 5
Create, update or delete any Azure resource using Ansible
...

Extension: REST Client [humao.rest-client](#)

REST Client Huachao Mao | 918,744 | ★★★★★ | Repository | License

REST Client for Visual Studio Code

[Install](#)

[Details](#) [Feature Contributions](#) [Changelog](#)

REST Client

build passing chat on github VS Marketplace v0.23.2 downloads 4131680 installs 918949

rating average: 4.94/5 (204 ratings)

REST Client allows you to send HTTP request and view the response in Visual Studio Code directly.

Main Features

- Send/Cancel/Rerun **HTTP request** in editor and view response in a separate pane with syntax highlight
- Send **GraphQL query** and author **GraphQL variables** in editor
- Send **cURL command** in editor and copy HTTP request as **cURL command**
- Auto save and view/clear request history
- Organize **MULTIPLE** requests in the same file (separated by **###** delimiter)
- View image response directly in pane
- Save raw response and response body only to local disk
- Fold and unfold response body
- Customize font(size/family/weight) in response preview
- Preview response with expected parts(**headers only**, **body only**, **full response** and **both request and response**)

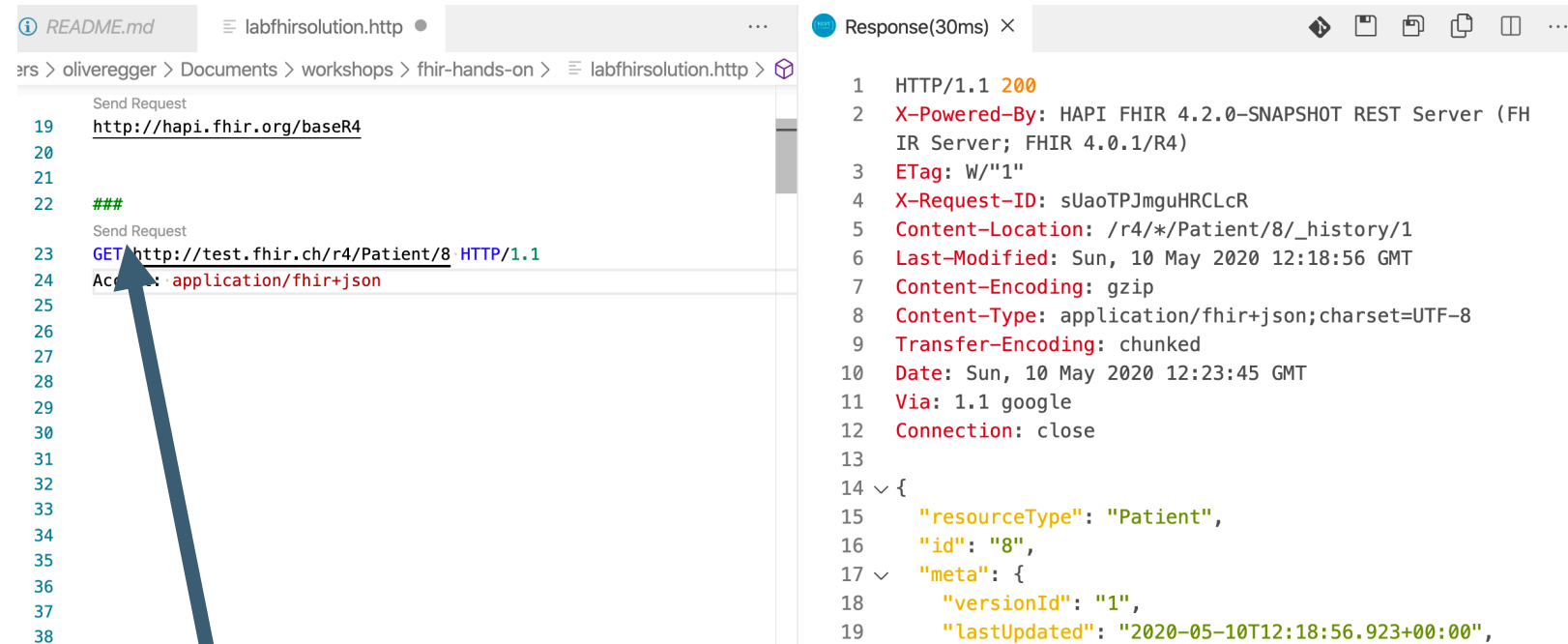
DEBUG CONSOLE TERMINAL ... 1: zsh

oliverregger@Oliver-MacBook-pro cda-core-2.0 %

REST Client

Visual Studio Code Extension

1. File has to be named http



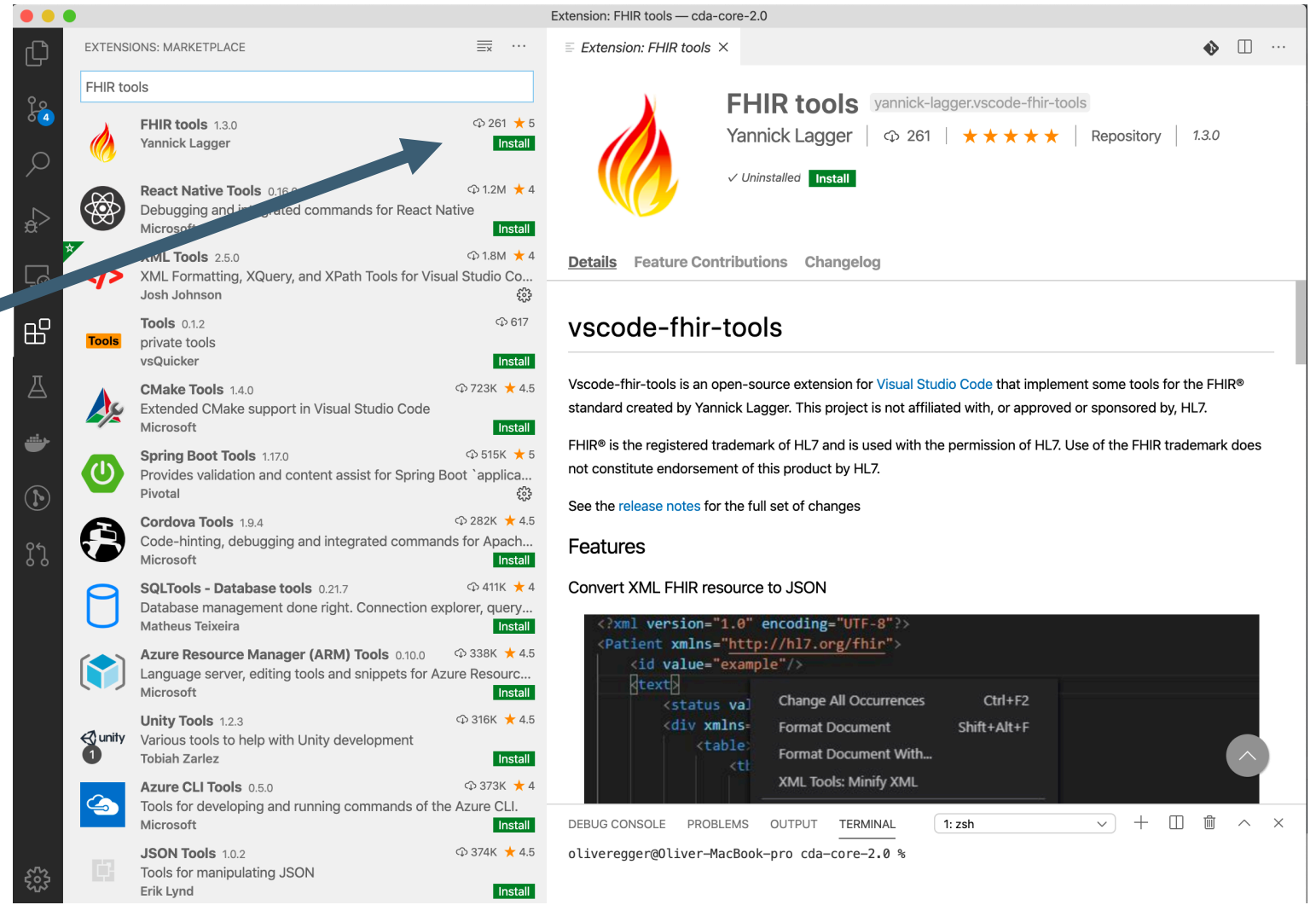
```
19 http://hapi.fhir.org/baseR4
20
21
22 ###
23 GET http://test.fhir.ch/r4/Patient/8 HTTP/1.1
24 Accept: application/fhir+json
25
26
27
28
29
30
31
32
33
34
35
36
37
38
```

```
1 HTTP/1.1 200
2 X-Powered-By: HAPI FHIR 4.2.0-SNAPSHOT REST Server (FH
3 IR Server; FHIR 4.0.1/R4)
4 ETag: W/"1"
5 X-Request-ID: sUaoTPJmguHRCLcR
6 Content-Location: /r4/*/Patient/8/_history/1
7 Last-Modified: Sun, 10 May 2020 12:18:56 GMT
8 Content-Encoding: gzip
9 Content-Type: application/fhir+json;charset=UTF-8
10 Transfer-Encoding: chunked
11 Date: Sun, 10 May 2020 12:23:45 GMT
12 Via: 1.1 google
13 Connection: close
14 {
15   "resourceType": "Patient",
16   "id": "8",
17   "meta": {
18     "versionId": "1",
19     "lastUpdated": "2020-05-10T12:18:56.923+00:00",
```

2. Click on send request, Response window will be shown

FHIR tools

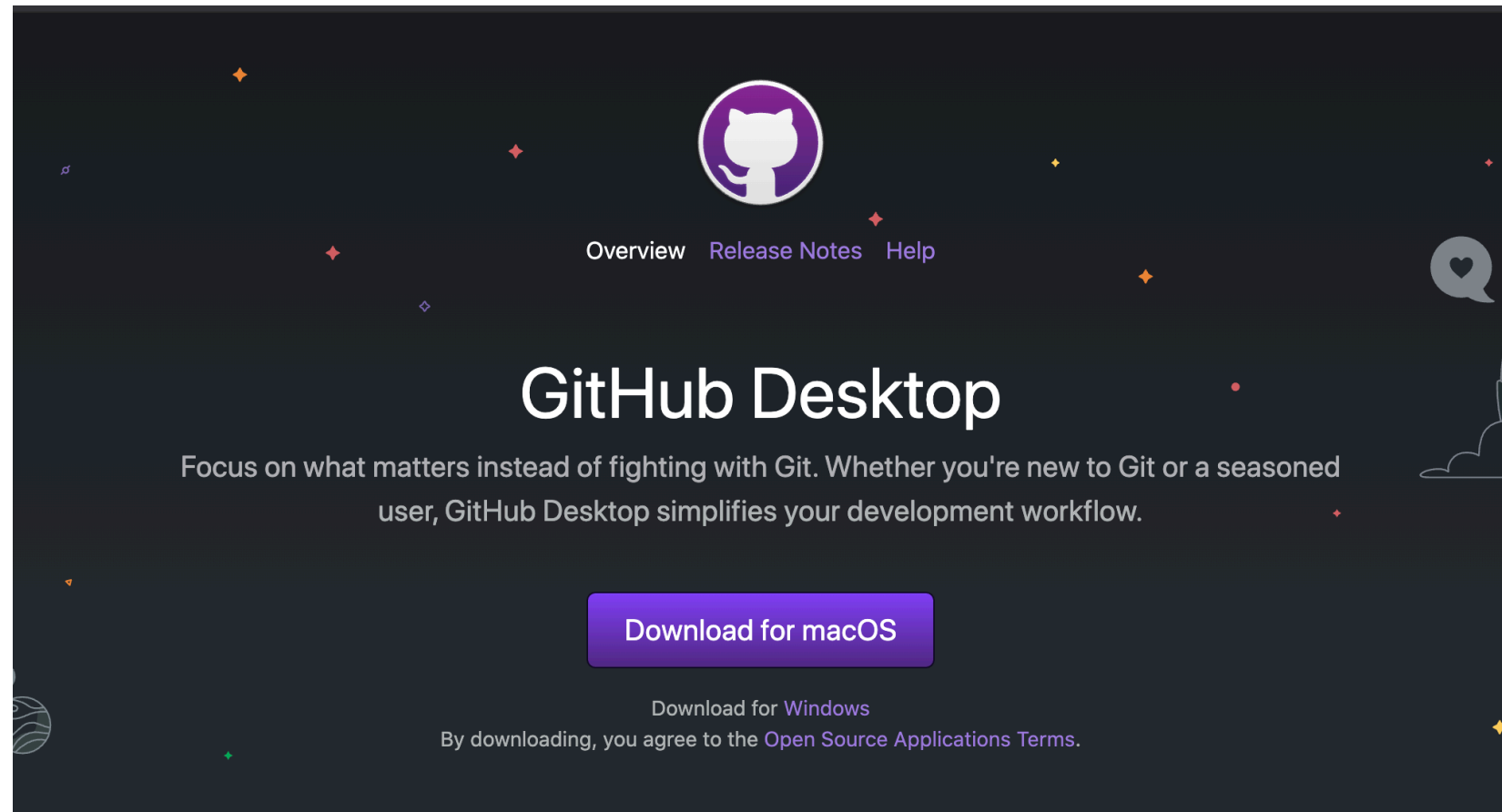
Visual Studio Code Extension



The image shows a screenshot of the Visual Studio Code interface. On the left, the 'EXTENSIONS: MARKETPLACE' view is open, displaying a list of extensions. The search bar at the top contains 'FHIR tools'. The first result is 'FHIR tools' by Yannick Lagger, version 1.3.0, with 261 downloads and 5 stars. A blue arrow points from the 'FHIR tools' text in the main heading to this extension in the list. Other extensions visible include React Native Tools, XML Tools, Tools, CMake Tools, Spring Boot Tools, Cordova Tools, SQLTools - Database tools, Azure Resource Manager (ARM) Tools, Unity Tools, Azure CLI Tools, and JSON Tools.

On the right, the details page for the 'FHIR tools' extension is shown. The extension is by Yannick Lagger, version 1.3.0, with 261 downloads and 5 stars. It is currently 'Uninstalled'. The page includes tabs for 'Details', 'Feature Contributions', and 'Changelog'. The 'Details' tab is active, showing the extension's name 'vscode-fhir-tools' and a description: 'Vscode-fhir-tools is an open-source extension for Visual Studio Code that implement some tools for the FHIR® standard created by Yannick Lagger. This project is not affiliated with, or approved or sponsored by, HL7. FHIR® is the registered trademark of HL7 and is used with the permission of HL7. Use of the FHIR trademark does not constitute endorsement of this product by HL7. See the release notes for the full set of changes. Features: Convert XML FHIR resource to JSON'. Below the text, there is a code editor showing XML FHIR data with a context menu open, displaying options like 'Change All Occurrences', 'Format Document', 'Format Document With...', and 'XML Tools: Minify XML'. The bottom status bar shows the terminal with the command '1: zsh' and the file path 'oliverregger@Oliver-MacBook-pro cda-core-2.0 %'.

Github Desktop



<https://desktop.github.com/>

Java



Suche 

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Wie installiere ich Java?



Wählen Sie das Betriebssystem, um Anweisungen zur Installation von Java zu erhalten:

- [Windows](#)
- [Mac OS X](#)
- [Linux](#)
- [Solaris](#)

Download und Installation unter Windows

Download und Installation von Java sind einfach und kostenfrei. Es gibt verschiedene Möglichkeiten, Java für Windows zu erhalten

- Onlinedownload
- Offlinedownload

https://www.java.com/de/download/help/download_options.xml