

Run rsync on every save in VSCode

Asked 3 years, 8 months ago Modified 10 months ago Viewed 10k times

I have a repository on my local system and am testing my changes on a remote server. I am using VSCode for development. I want that on every save, rsync should run in background and sync the changes in the current local file with remote. How can I achieve this with VSCode?

6

visual-studio-code

rsync

vscode-extensions

remote-server



Share Follow

asked Dec 8, 2020 at 17:24



Abhay Gupta

816 ● 1 ● 14 ● 32

3 Answers

Sorted by: Highest score (default)

I am using [Save and Run](#) vscode extension for syncing code between local and remote server whenever I hit save in VSCode. Following is the configuration I am using.

9

```
"saveAndRun": {
  "commands": [
    {
      "match": ".*",
      "cmd": "rsync -av --no-owner ${file} {destination folder}${relativeFile}",
      "useShortcut": false,
      "enabled": false
    }
  ]
}
```

can be seen in VSCode terminal. You
son file. You can learn more about editing

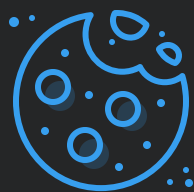
17:06

answered Dec 9, 2020 at 16:55



Abhay Gupta

816 ● 1 ● 14 ● 32



By clicking "Accept all cookies", you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#).

Accept all cookies

Necessary cookies only

Customize settings

answered Jul 7, 2021 at 22:46



JW.

51.4k



39



120



148

It's good to give examples – [Diego Lope Loyola](#) Dec 26, 2023 at 19:34



1

Here is extension code which uses the `onDidSaveTextDocument` event to run code after a file is saved. The code uses the `exec` function of the `child_process` package to run a command. In this case, it launches the chrome browser.



```
import * as vscode from 'vscode';
import * as path from 'path';

import * as cp from 'child_process';

export function activate(context: vscode.ExtensionContext)
{
    vscode.workspace.onDidSaveTextDocument((d) =>
    {
        vscode.window.showInformationMessage("Document saved:" +
        path.basename(d.fileName));

        const start = (process.platform == 'darwin' ? 'open' : process.platform ==
        'win32' ? 'start' : 'xdg-open');
        cp.exec(start + ' chrome ');
    });
}
```

Share Follow

answered Dec 9, 2020 at 14:41



RockBoro

2,383



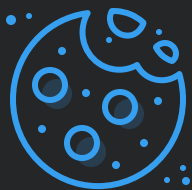
2



23



37



By clicking "Accept all cookies", you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#).