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Visual Studio Code > Debuggers > RxJS Debugging for Visual Studio Code

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RxJS Debugging for Visual Studio Code

Manuel Alabor | 954 installs | ★★★★★ (1) | Free

Add non-intrusive debugging capabilities for RxJS applications to Visual Studio Code.

Install   Trouble Installing?

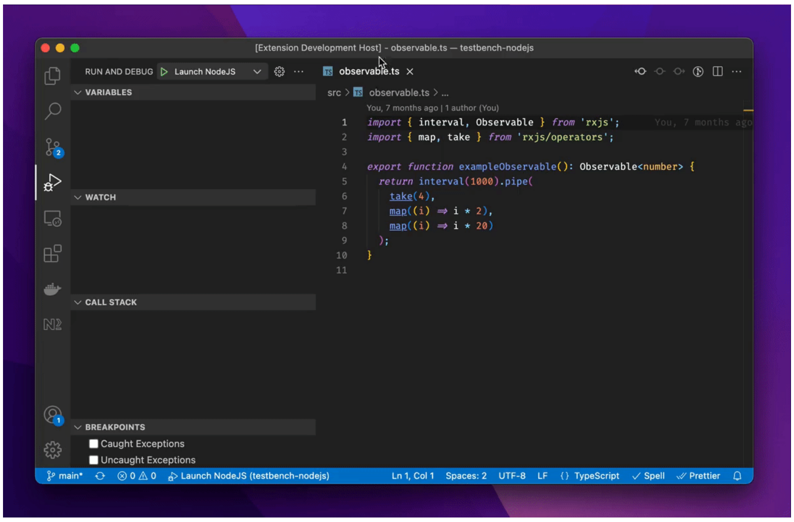
Overview   Version History   Q & A   Rating & Review

RxJS Debugging for Visual Studio Code

VS Marketplace v1.1.1   Follow @rxjsdebuggung

> Never, ever use `tap(console.log)` again.

Add non-intrusive debugging capabilities for RxJS applications to Visual Studio Code.



[Extension Development Host] - observable.ts — testbench-nodejs

RUN AND DEBUG ▷ Launch NodeJS

VARIABLES

WATCH

CALL STACK

BREAKPOINTS

□ Caught Exceptions

□ Uncaught Exceptions

observable.ts ×

src > observable.ts > ...

You, 7 months ago | 1 author (You)

```
import { interval, Observable } from 'rxjs';          You, 7 months ago
import { map, take } from 'rxjs/operators';

export function exampleObservable(): Observable<number> {
  return interval(1000).pipe(
    take(4),
    map((i) => i * 2),
    map((i) => i * 20)
  );
}
```

main* ⊗ 0 ⚠ 0 Launch NodeJS (testbench-nodejs)   Ln 1, Col 1   Spaces: 2   UTF-8   LF   {} TypeScript   ✓ Spell   ✓ Prettier

Features

- RxJS debugging, fully integrated with Visual Studio Code
- Works with RxJS 6.6.7 and newer
- Support for Node.js and Webpack-based RxJS applications

Requirements

- Visual Studio Code 1.61 or newer
- RxJS 6.6.7 or newer
- To debug NodeJS-based applications:
  - Node.js 12 or newer
- To debug Webpack-based web applications:
  - Webpack 5.60.0 or newer
  - The latest @rxjs-debugging/runtime-webpack Webpack plugin (see here for setup instructions)

Usage

Operator Log Points

Operator log points make manually added `console.log` statements a thing of the past: RxJS Debugger detects operators automatically and recommends a log point. Hover the mouse cursor on the operator to add or remove a log point to the respective operator:

Categories

Debuggers

Tags

javascript   javascriptreact   typescript   typescriptreact

Works with

Universal

Resources

Issues

Repository

Homepage

License

Changelog

Download Extension

Project Details

swissmanu/rxjs-debugging-for-vscode

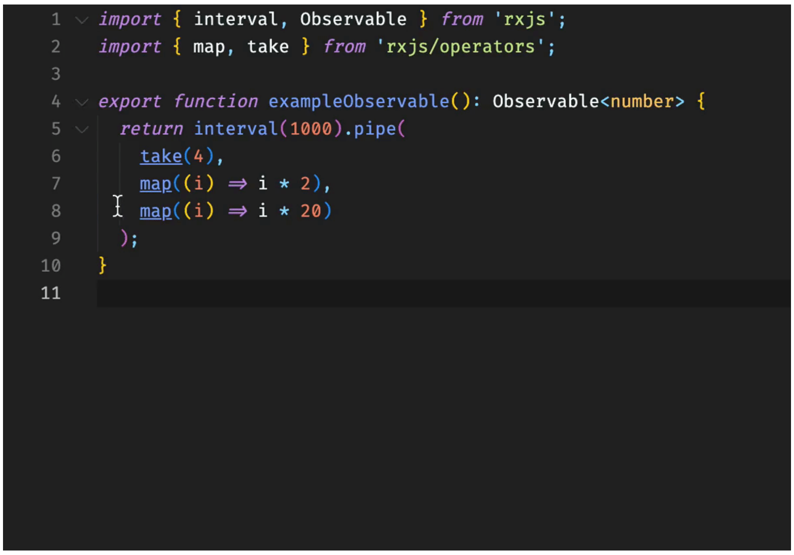
Last Commit: 3 weeks ago

11 Pull Requests

19 Open Issues

More Info

Version	1.1.1
Released on	17/05/2021, 15:58:57
Last updated	08/12/2021, 15:30:44
Publisher	Manuel Alabor
Unique Identifier	manuelalabor.rxjs-debugging-for-vs-code
Report	Report Abuse



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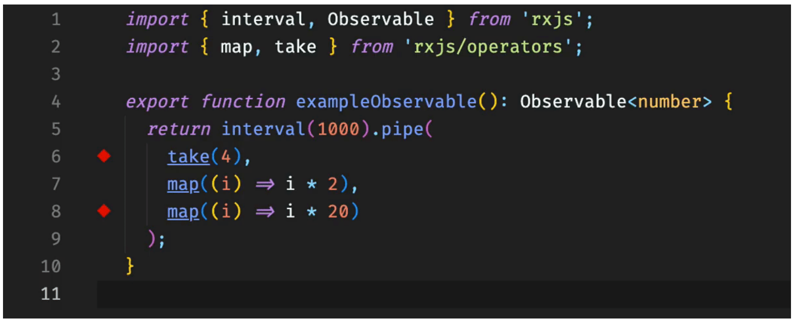
}

```

Once you launch your application with the JavaScript debugger built-in to Visual Studio Code, enabled log points display events of interest inline in the editor:

- Subscribe
- Emitted values (next, error, complete)
- Unsubscribe



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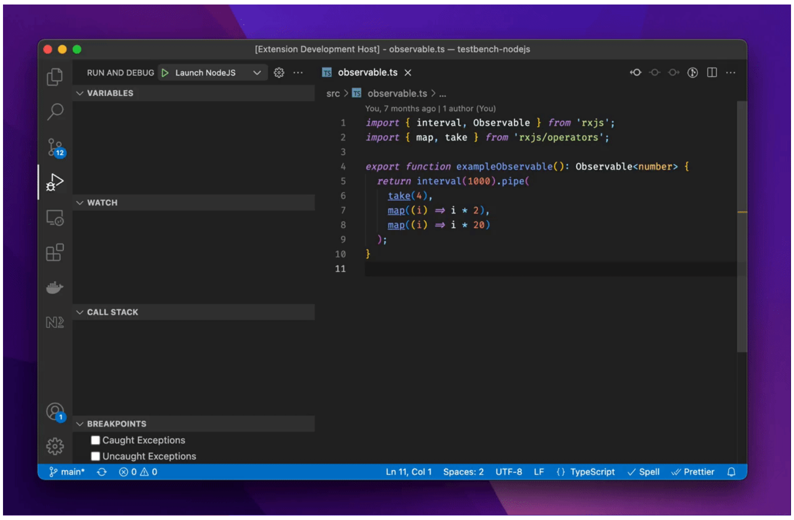
By default, RxJS Debugger clears logged events from the editor after you stop the JavaScript debugger. You can customize this behavior in the settings.

Finally, you can toggle gutter indicators for recommended log points via the command palette:



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Roadmap & Future Development

Refer to the milestones overview for planned, future iterations. The issue list provides an overview on all open development topics.

Contributing

"RxJS Debugging for Visual Studio Code" welcomes any type of contribution! ❤️ Have a look at CONTRIBUTING.md for further details.

Playground

Jump right in and explore, how "RxJS Debugging for Visual Studio Code" can improve your RxJS debugging workflow:

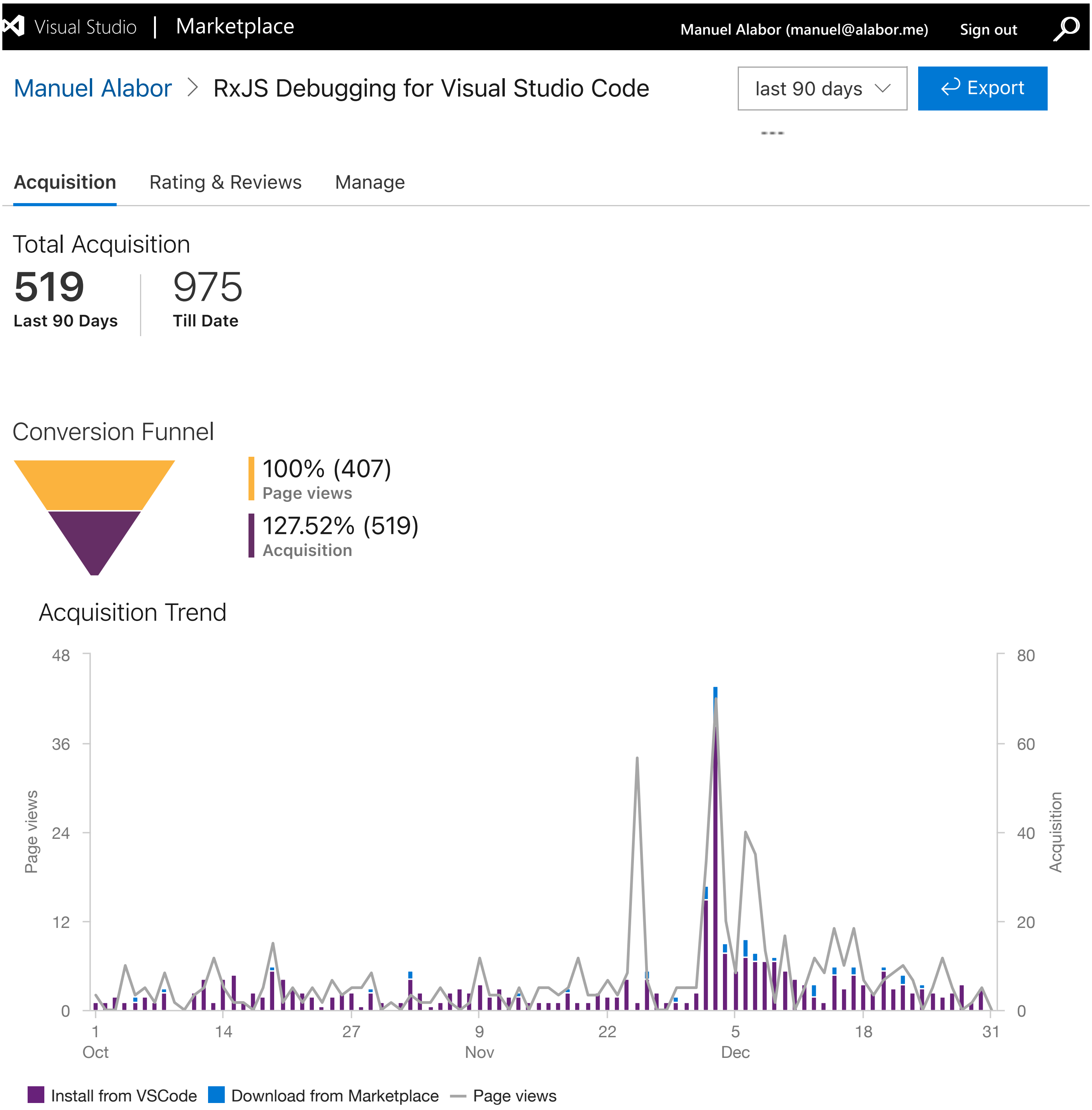
https://github.com/swissmanu/playground-rxjs-debugging-for-vscode

Analytics Data

The "RxJS Debugging for Visual Studio Code" extension collects usage analytics data from users who opt-in. See ANALYTICS.md for more information on what data is collected and why.

Research

This extension is based on research by Manuel Alabor. See RESEARCH.md for more information.



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