

Hacking VS Code: Write Your First Extension for Visual Studio Code

INTRODUCTION



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A photograph of a man in profile, facing left. He is wearing large, over-ear headphones with a silver and black design, and black-rimmed glasses. He is dressed in a light blue and white striped button-down shirt. He is seated at a desk, with his hands on a black keyboard and a mouse. In the background, there are other people working at their desks in what appears to be an open-plan office setting.

Except in “open offices”.

Then it’s noise cancelling
headphones.

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In This Module

**Don't Rely on Just
One Tool**

**Use an Editor You
Can Modify**

**Explore Problems
Extensions Can
Solve**

In Later Modules

Start Simple

Create a Hello World Extension

Build a Real World Extension

Distribute Our Extension

CUSTOMIZE.

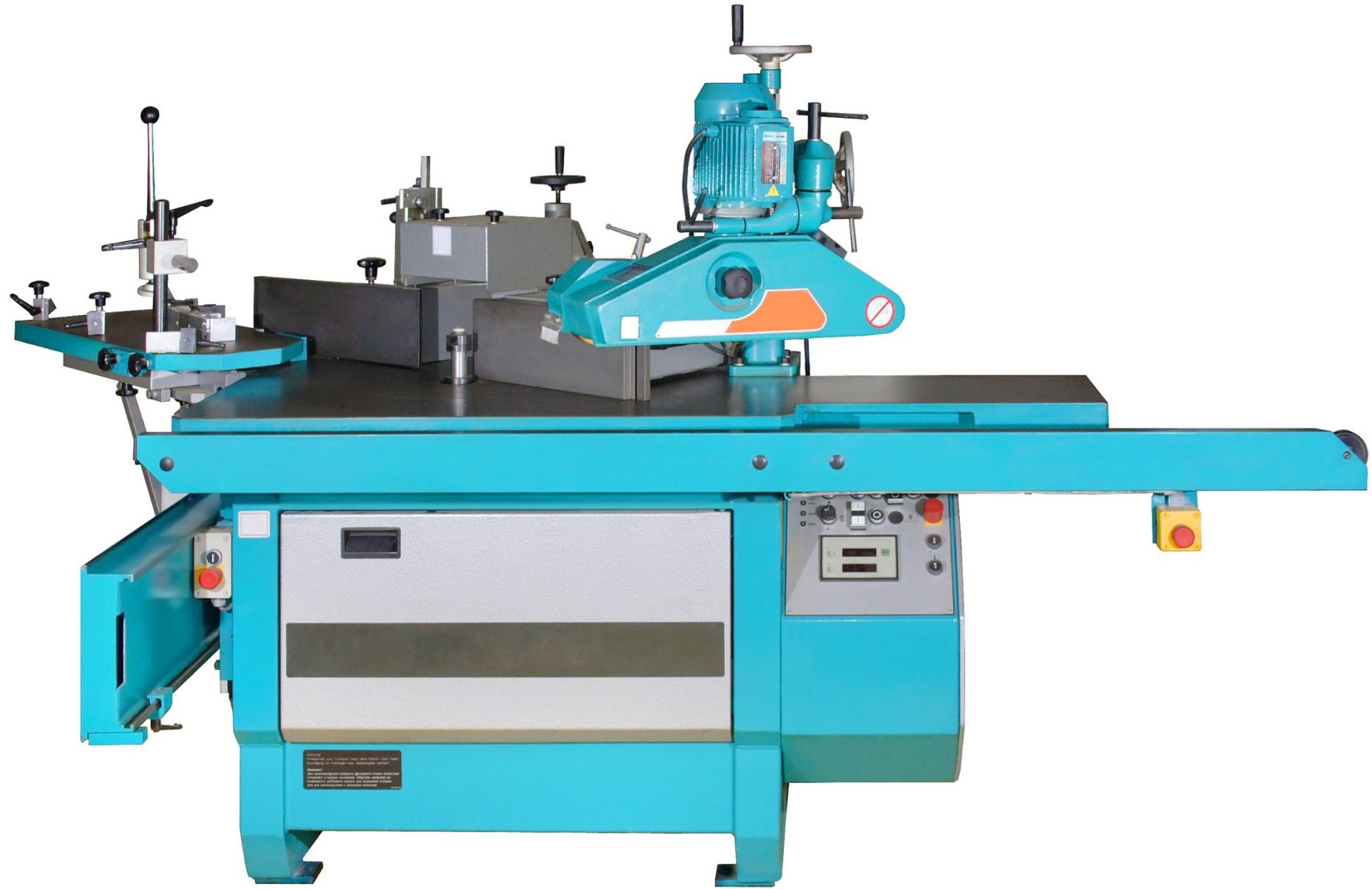
CUSTOMIZE.

CUSTOMIZE.



















Version 1.1 is now available! Read about the new features and fixes in April.

Code editing. Redefined.

Free. Open source. Runs everywhere.

Download for Windows

Available on other platforms

By using VS Code, you agree to its license and privacy statement.

✓ Intelligent editing

✓ Powerful debugging

✓ Built-in Git support

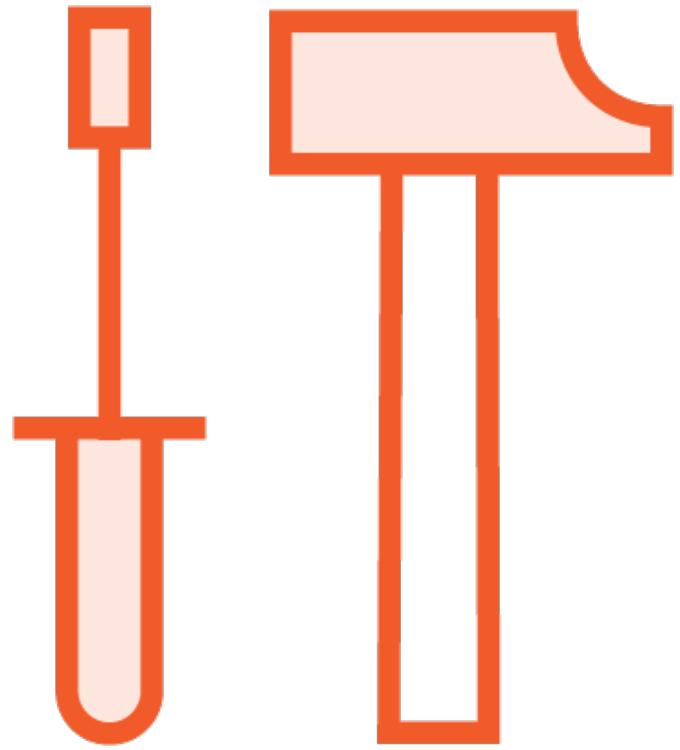
✓ Hundreds of extensions

The screenshot shows the Visual Studio Code interface. The title bar says "gulpfile.js - node-express-typescript - Visual Studio Code". The menu bar includes File, Edit, View, Goto, Help. The Explorer sidebar shows a file tree with "WORKING FILES" expanded, showing "www.ts", "NODE-EXPRES", ".vscode", "node_mod", "SRC", "public", "routes", "styles", "style.less", "views", "app.ts", "tsconfig.json", "tsd.d.ts", "www.ts", and "tests". The main editor area contains JavaScript code for a Gulp task:

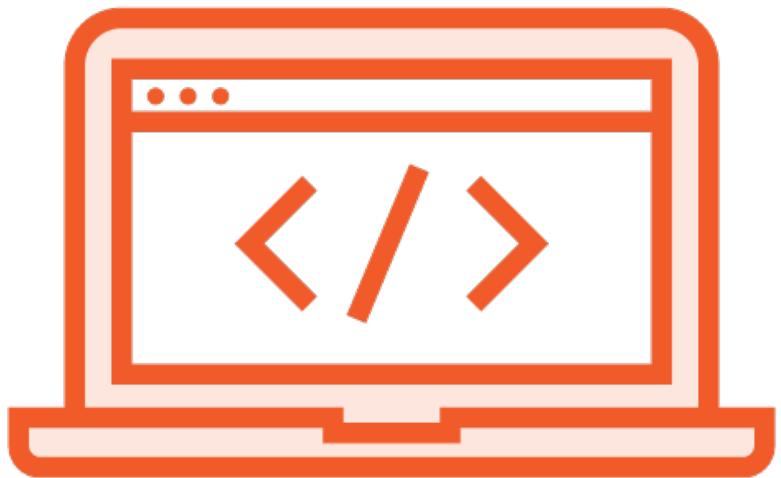
```
// ...  
gulp.task('less', function () {  
    return gulp.src('./src/styles/**/*.less')  
        .pipe(less({  
            var path: any  
            paths: [path.join(__dirname, 'less', 'includes')]  
        }))  
        .pipe(gulp.dest('./src/public/stylesheets'));  
});  
  
// run mocha tests in the ./tests folder  
gulp.task('test', function () {  
    // ...  
});
```

The status bar at the bottom shows "Ln 16, Col 24" and "Spaces: 4".





Customize Your Tools



**Starting Simple
with Snippets**