Code Spell Checker
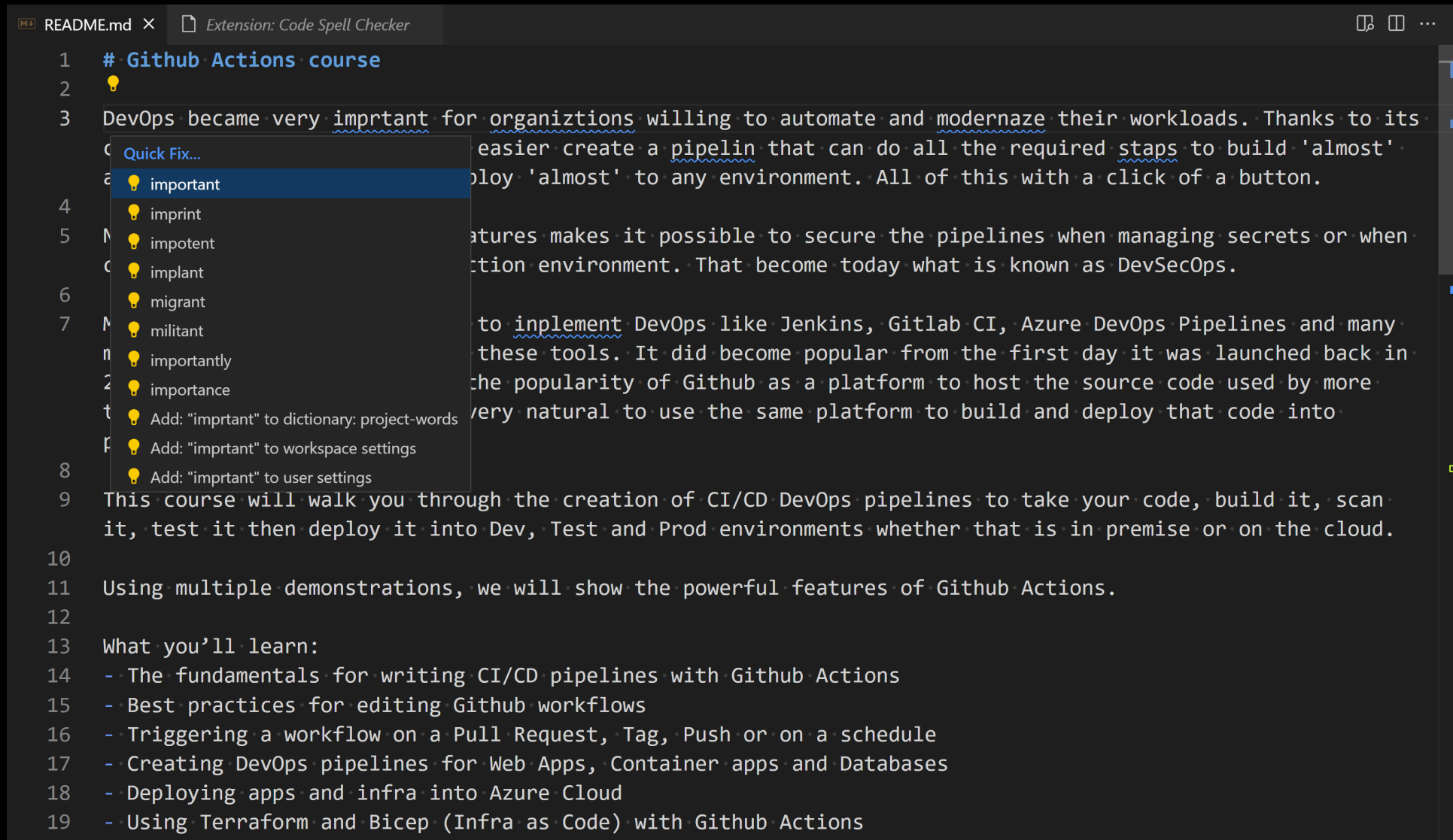
Houssem Dellai
CSA at Microsoft

```
$ cspell README.md

1/1 README.md 411.55ms X

README.md:3:20  – Unknown word (imprtant)
README.md:3:33  – Unknown word (organiztions)
README.md:3:70  – Unknown word (modernaze)
README.md:3:158 – Unknown word (pipelin)
README.md:3:195 – Unknown word (staps)
README.md:7:35  – Unknown word (inplement)
README.md:22:26 – Unknown word (aspnet)
README.md:22:37 – Unknown word (dockerized)

CSpell: Files checked: 1, Issues found: 8 in 1 files
```

Checking spelling mistakes in VS Code

README.md ✕   Extension: Code Spell Checker

```
1   # Github Actions course
2   💡
3   DevOps became very imprtant for organiztions willing to automate and modernaze their workloads. Thanks to its
    ┌─────────────────────────────────────┐ easier create a pipelin that can do all the required staps to build 'almost'
    │ Quick Fix...                        │ ploy 'almost' to any environment. All of this with a click of a button.
    │ 💡 important                        │
4   │ 💡 imprint                          │
5   │ 💡 impotent                         │ atures makes it possible to secure the pipelines when managing secrets or when
    │ 💡 implant                          │ ction environment. That become today what is known as DevSecOps.
6   │ 💡 migrant                          │
7   │ 💡 militant                         │ to inplement DevOps like Jenkins, Gitlab CI, Azure DevOps Pipelines and many
    │ 💡 importantly                      │ these tools. It did become popular from the first day it was launched back in
    │ 💡 importance                       │ popularity of Github as a platform to host the source code used by more
    │ 💡 Add: "imprtant" to dictionary: project-words │ very natural to use the same platform to build and deploy that code into
    │ 💡 Add: "imprtant" to workspace settings │
8   │ 💡 Add: "imprtant" to user settings │
9   └─────────────────────────────────────┘ the creation of CI/CD DevOps pipelines to take your code, build it, scan
    it, test it then deploy it into Dev, Test and Prod environments whether that is in premise or on the cloud.
10
11  Using multiple demonstrations, we will show the powerful features of Github Actions.
12
13  What you'll learn:
14  - The fundamentals for writing CI/CD pipelines with Github Actions
15  - Best practices for editing Github workflows
16  - Triggering a workflow on a Pull Request, Tag, Push or on a schedule
17  - Creating DevOps pipelines for Web Apps, Container apps and Databases
18  - Deploying apps and infra into Azure Cloud
19  - Using Terraform and Bicep (Infra as Code) with Github Actions
```

Code Spell Checker Github project

streetsidesoftware / cspell

Type / to search

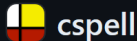Code   Issues 85   Pull requests 7   Discussions   Actions   Projects   Security   Insights

cspell Public

Sponsor   Watch 9 ▾   Fork 71 ▾   Starred 912 ▾   <> Code ▾

street-side-software-automation[bot]   ci: Workflow Bot -- Buil... ⋯ ✓   5ca7ac4 · 6 hours ago   🕐 4,130 Commits

main ▾   Go to file   t   ➕

📁 .github	chore(deps): bump streetsidesoftware/cspell-actio...	last week
📁 .vscode	fix: Improve suggestions when using weights. (#23...	last year
📁 doc-generator	ci: Workflow Bot -- Update ALL Dependencies (mai...	2 months ago
📁 docs	chore(deps-dev): bump activesupport from 7.0.4.3 ...	4 days ago
📁 examples	chore: prettify files (#4126)	6 months ago
📁 integration-tests	ci: Workflow Bot -- Update Integration Snapshots (...	6 hours ago
📁 packages	ci: Workflow Bot -- Build Readme (#4755)	6 hours ago
📁 resources	doc: add Patreon logos (#1575)	2 years ago
📁 rfc	v7.0.1	last week
📁 static	docs: Update README (#4097)	6 months ago
📁 test-fixtures/issues	fix: add support for Svelte (#3874)	9 months ago
📁 test-packages	ci: Workflow Bot -- Update ALL Dependencies (mai...	yesterday
📁 website	ci: Workflow Bot -- Update ALL Dependencies (mai...	yesterday
📄 .editorconfig	ci: Speed up build process (#2903)	last year
📄 .eslintrc.js	fix: Fix how global references are resolved (#4729)	last week

About

A Spell Checker for Code!

🔗 cspell.org

spell   spell-checker

📖 Readme
⚖️ MIT license
📋 Code of conduct
🔒 Security policy
⑂ 17 Branches
🏷️ 728 Tags
⑃ Activity
⭐ 912 stars
👁 9 watching
⑂ 71 forks

Report repository

Releases 132

🏷️ v7.0.1 Latest
last week

+ 131 releases

Sponsor this project

streetsidesoftware Street Side S...   ♥

github.com/streetsidesoftware/cspell

Code Spell Checker extension in VS Code

Code Spell Checker CLI

```
$ cspell README.md

1/1 .\README.md 411.55ms X

README.md:3:20 - Unknown word (imprtant)
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README.md:3:158 - Unknown word (pipelin)
README.md:3:195 - Unknown word (staps)
README.md:7:35 - Unknown word (inplement)
README.md:22:26 - Unknown word (aspnet)
README.md:22:37 - Unknown word (dockerized)

CSpell: Files checked: 1, Issues found: 8 in 1
files
```

https://github.com/streetsidesoftware/cspell-cli

```
1   # Github Actions course
2
3   DevOps became very imprtant for
    organiztions willing to automate
    and modernaze their workloads.
    Thanks to its capabilities, it
    is never been easier create a
    pipelin that can do all the
    required staps to build 'almost'
    any kind of application and
    deploy 'almost' to any
    environment. All of this with a
    click of a button.
4
5   Not only that, using DevOps
    features makes it possible to
    secure the pipelines when
    managing secrets or when
    connecting to the target
    production environment. That
    become today what is known as
    DevSecOps.
6
7   Many known tools are available
    to inplement DevOps like
    Jenkins, Gitlab CI, Azure DevOps
    Pipelines and many more. Github
```

Code Spell Checker CLI

```
$ cspell --show-context README.md

1/1 .\README.md 409.05ms X

README.md:3:20 - Unknown word (imprtant) -- DevOps became very imprtant for organiztions
willing
README.md:3:33 - Unknown word (organiztions) -- became very imprtant for organiztions
willing to automate
README.md:3:70 - Unknown word (modernaze) -- willing to automate and modernaze their
workloads. Thanks
README.md:3:158 - Unknown word (pipelin) -- been easier create a pipelin that can do all the
README.md:3:195 - Unknown word (staps) -- do all the required staps to build 'almost' any
README.md:7:35 - Unknown word (inplement) -- tools are available to inplement DevOps like
Jenkins
README.md:22:26 - Unknown word (aspnet) -- Creating pipelines for aspnet and dockerized apps
README.md:22:37 - Unknown word (dockerized) -- pipelines for aspnet and dockerized apps

CSpell: Files checked: 1, Issues found: 8 in 1 files
```

Code Spell Checker CLI

```
$ cspell --show-suggestions README.md

1/1 .\README.md 710.81ms X

README.md:3:20 - Unknown word (imprtant) Suggestions: [important, implant, imprint,
impotent, migrant]

README.md:3:33 - Unknown word (organiztions) Suggestions: [organizations, organization,
organization's, organizing, organizational]

README.md:3:70 - Unknown word (modernaze) Suggestions: [modernize, moderne, moderate,
modernized, modernizer]

README.md:3:158 - Unknown word (pipelin) Suggestions: [pipeline, Pipeline, pipkin, pippin,
poplin]

README.md:3:195 - Unknown word (staps) Suggestions: [saps, slaps, snaps, soaps, stabs]

README.md:7:35 - Unknown word (inplement) Suggestions: [implement, inclement, increment,
inurement, implements]
…
CSpell: Files checked: 1, Issues found: 8 in 1 files
```

Code Spell Checker CLI

```
$ cspell --words-only --unique Readme.md

1/1 .\Readme.md 414.13ms X

imprtant
organiztions
modernaze
pipelin
staps
inplement
aspnet
dockerized

CSpell: Files checked: 1, Issues found: 8 in 1 files
```

README.md

```
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   organiztions willing to automate
   and modernaze their workloads.
   Thanks to its capabilities, it
   is never been easier create a
   pipelin that can do all the
   required staps to build 'almost'
   any kind of application and
   deploy 'almost' to any
   environment. All of this with a
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4
5  Not only that, using DevOps
   features makes it possible to
   secure the pipelines when
   managing secrets or when
   connecting to the target
   production environment. That
   become today what is known as
   DevSecOps.
6
7  Many known tools are available
   to inplement DevOps like
   Jenkins, Gitlab CI, Azure DevOps
   Pipelines and many more. Github
```

Code Spell Checker configuration files

```
$ cspell --config cspell.config.yaml Readme.md
```

```yaml
# cspell.config.yaml
$schema:
https://raw.githubusercontent.com/streetsidesoftware
/cspell/main/cspell.schema.json
version: '0.2'
dictionaryDefinitions:
  - name: project-words
    path: '.cspell/project-words.txt'
    addWords: true
dictionaries:
  - project-words
ignorePaths:
  - 'node_modules'
  - '.cspell/project-words.txt'
  - 'bin'
  - 'packages/*/dist'
```

```
# project-words.txt
ignoreword1
ignoreword2
ignoreword3
…
```

Code Spell Checker Github Action

GitHub Action

cspell-action

🏷 v2.26.1 Latest version

Use latest version ▾

cspell-action

Uses cspell to check code.

Installation

Example `spellcheck.yaml`

```
name: 'Check spelling'
on: # rebuild any PRs and main branch changes
  pull_request:
  push:

jobs:
  spellcheck: # run the action
    runs-on: ubuntu-latest
    steps:
        - uses: actions/checkout@v3
        - uses: streetsidesoftware/cspell-action@v3
```

Stars

⭐ Starred 59 ▾

Contributors

Categories

Code quality   Utilities

Links

🖥 streetsidesoftware/cspell-action

⊙ Open issues   7

⑂ Pull requests   6

💬 Report abuse

cspell-action is not certified by GitHub. It is provided by a third-party and is governed by separate terms of service, privacy policy, and

Code Spell Checker
Github Action

```yaml
jobs:
  spell-ckeck:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v3.6.0
      - uses: streetsidesoftware/cspell-action@v3
        name: Spell Check
        continue-on-error: true
        with:
          github_token: ${{ github.token }}
          config: cspell.config.yaml
          inline: warning
          check_dot_files: false
          strict: true
          incremental_files_only: false
          verbose: false
          files: |
            **/*.md
            !dist/**/*.{ts,js}
```

spell-ckeck
succeeded
1 minute ago in 4s

🔍 Search logs

Summary

Jobs
✅ spell-ckeck

Run details
⏱ Usage
🗎 Workflow file

> ✅ Set up job   2s
> ✅ Run actions/checkout@v3.6.0   1s
∨ ✅ Spell Check   0s

```
 1  ▶Run streetsidesoftware/cspell-action@v3
15   cspell-action
16   'workflow_dispatch'
17   Warning: Unknown word (imprtant)
18   README.md:3:20 Unknown word (imprtant)
19   README.md:3:33 Unknown word (organiztions)
20   README.md:3:70 Unknown word (modernaze)
21   README.md:3:158 Unknown word (pipelin)
22   README.md:3:195 Unknown word (staps)
23   README.md:7:35 Unknown word (inplement)
24   README.md:22:26 Unknown word (aspnet)
25   README.md:22:37 Unknown word (dockerized)
```