



DON'T USE VSCODE

PyConZA October 2023

James Smith



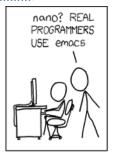
www.sarao.ac.za

The South African Radio Astronomy Observatory (SARAO) is a National Facility managed by the National Research Foundation and incorporates all national radio astronomy telescopes and programmes.

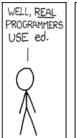
- Introduction
- · A little history
- · The Good
- The Bad
- The Opinionated
- Recommendations

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What I'm not trying to do

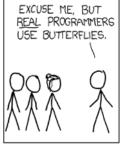


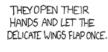














THE DISTURBANCE RIPPLES OUTWARD, CHANGING THE FLOW OF THE EDDY CURRENTS IN THE UPPER ATMOSPHERE.





THESE CAUSE MOMENTARY POCKETS OF HIGHER-PRESSURE AIR TO FORM,

WHICH ACT AS LENSES THAT DEFLECT INCOMING COSMIC RAYS, FOCUSING THEM TO STRIKE THE DRIVE PLATTER AND FLIP THE DESIRED BIT.







- Introduction
- · A little history

1995

2012

2011 - 2014

2015

Present day

- · The Good
- . The Rad

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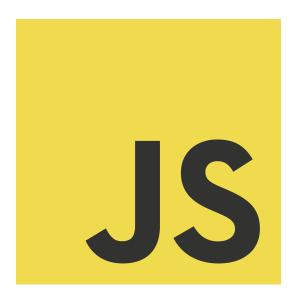
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Netscape



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Microsoft



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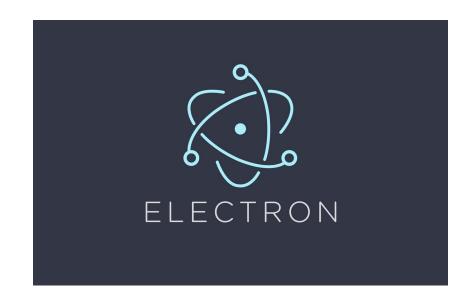
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Github



Github



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Microsoft again



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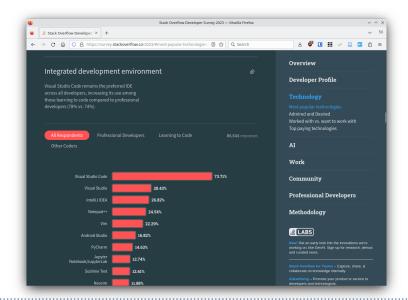
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SO Survey 2023



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Users

Developers

Pre-Demo

Demo

The Bad

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The Bad

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 - VSCode Server / Github Codespaces / Gitpod

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A decent project too

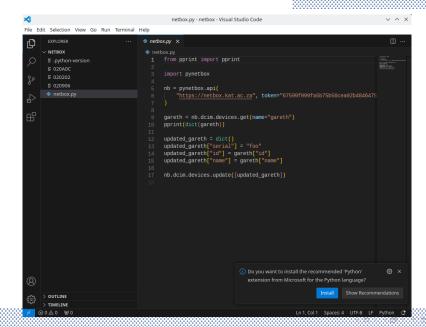
• Single code-base for deploying to lots of targets, including web

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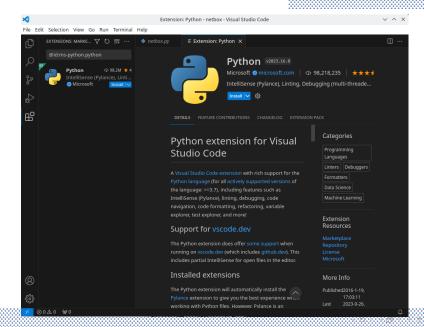
Pre-Demo

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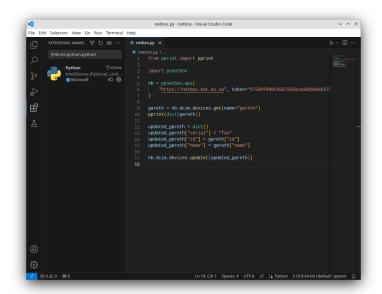
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 - Access to Microsoft-hosted VSCode Marketplace
- Build-it-yourself results in a substantially inferior experience
- Telemetry

Healthy Biodiversity

• Software monocultures are not healthy. Choice is good.

Healthy Biodiversity

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- This is the same reason we avoid Chrome.

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 Demo of what I do

Start with your values

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- What is important to you?
- Strongly consider software freedom
- Don't overweight convenience

Practical recommendations

- PyCharm (JetBrains)
- VSCodium / Code-OSS

Interesting options

- lapce
- lite-xl
- ecode
- lunarvim

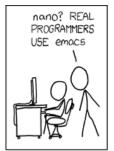
Old-school tools

- Vim
 - Spare a thought in memory of Bram Moolenaar

Modern takes

- Neovim
- Kakoune
- Helix
- Micro

The EMACSephant in the room

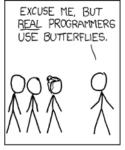














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NICE.

'COURSE, THERE'S AN EMACS
COMMAND TO DO THAT.

OH YEAH! GOOD OL'
C'X 11-C 11-butterfly...

DAMMIT, EMACS.

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Thank you!

James Smith DSP Engineer

Email: jsmith@sarao.ac.za

I was just kidding earlier, real programmers actually do use vim.

www.sarao.ac.za

The South African Radio Astronomy
Observatory (SARAO) is a National
Facility managed by the National
Research Foundation and incorporates
all national radio astronomy
telescopes and pregrammes.