













Andy Youens

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Andy Youens

IBM i
Consultant/Instructor
at FormaServe for
over 32 years


Over 40 years IT
experience working
with S/34, S/36, AS400,
iSeries & IBM i


Specialties IBM i, RPG,
PHP, SQL, DB2 &
Node.js

Instructor & article
writer specialising in
programming on the
IBM i

IBM Champion &
Member of IBM ISV
Advisory Council

Prior to IT, Andy is
proud to have served
10 years in the Royal
Navy





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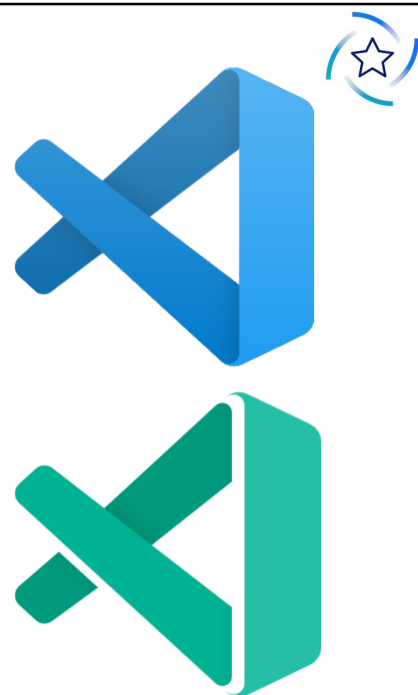
VS Code – Two Versions

- **Visual Studio Code – Stable build**

- Automatic monthly updates
- <https://code.visualstudio.com/>
- <https://github.com/microsoft/vscode>

- **Visual Studio Code - Insiders**

- Latest release daily
- <https://code.visualstudio.com/insiders/>



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Cross Platform



Mac OS

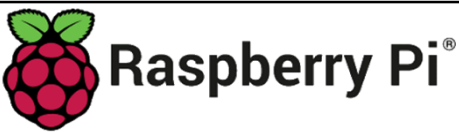


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Even here!



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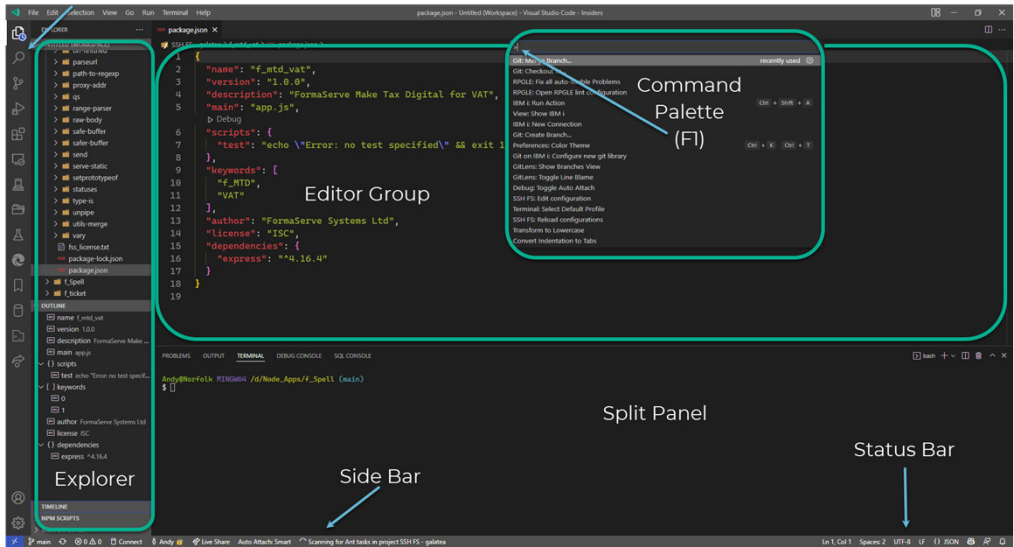


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Layout

Activity Bar



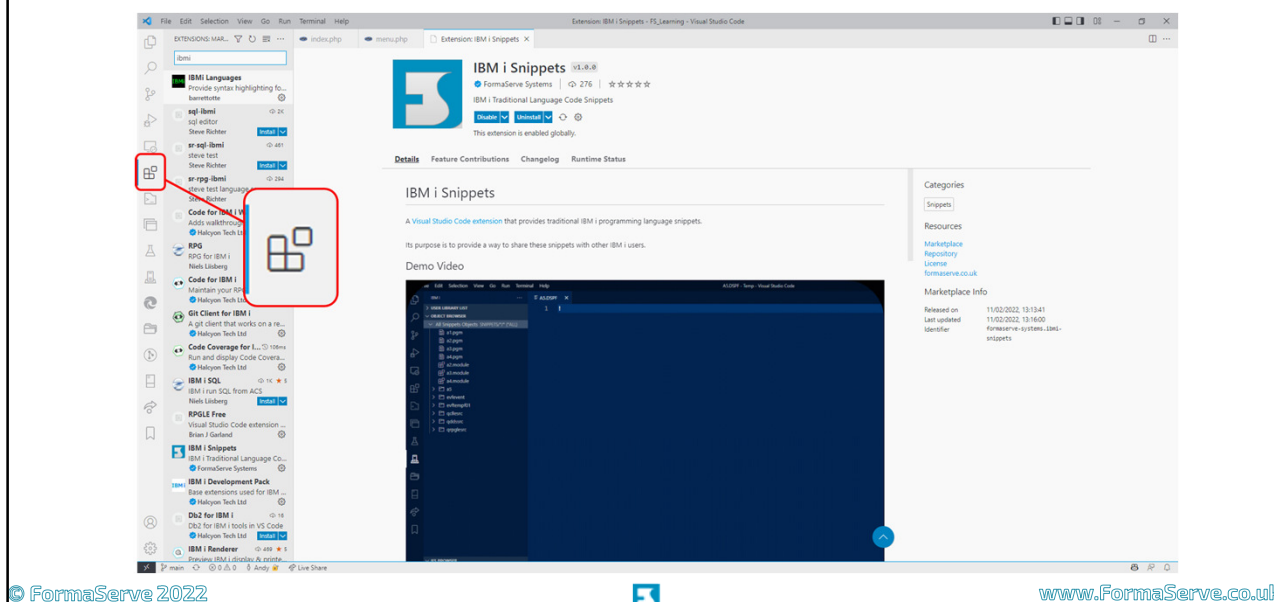
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Extensions Make VS Code!



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Extensions – My Top 10



1. **Code for IBM i** – Halcyon Tech ★
2. **Sync Settings** – Microsoft
3. **Remote SSH** – Kelvin Schoofs
4. **Bracket Pair Colouriser2** - CoenraadS
5. **Bookmarks** – Alessandro Fragnani
6. **Live Share Extension Pack** – Microsoft
7. **Auto Rename Tag** – Jun Han
8. **IBM i Programs** – FormaServe ★
9. **IBM i Snippets** - FormaServe ★
10. **REST Client** – Huachao Mao



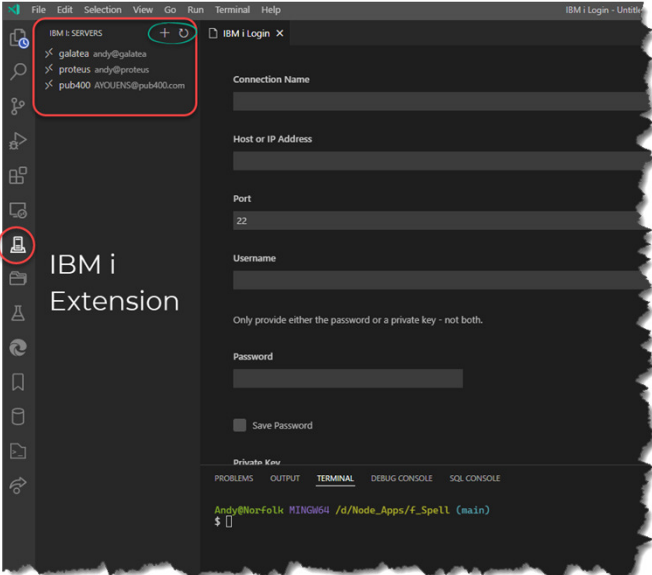
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IBM i Connection



SSH Server must be running!


STRTCPSVR(*SSHD)

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IBM i Connection Layout



SSH Server must be running!

STRTCPSVR(*SSHD)

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VS Code IBM i Settings



```
{
  "homeDirectory": "/home/andy/UMusic/",
  "tempLibrary": "Temp",
  "currentLibrary": "umusic",
  "sourceFileCCSID": "*FILE",
  "hideCompileErrors": [],
  "enableSQL": true,
  "sourceASP": null,
  "ifsShortcuts": [
    "/home/andy",
    "/home/andy/UMusic/",
    "actions.json"
  ],
  "objectFilters": [
    {
      "name": "Training Source",
```

Cannot be
QTEMP!

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GitHub Copilot Demo



Technical Preview

Your AI pair programmer

With GitHub Copilot, get suggestions for whole lines or entire functions right inside your editor.



Join the GitHub Copilot waitlist

Access is limited to a small group of testers during the technical preview of GitHub Copilot. Sign up today for your chance to try it out and help us improve.

Trained on billions of lines of public code, GitHub Copilot puts the knowledge you need at your fingertips, saving you time and helping you stay focused.

<https://github.com/features/copilot/signup>

Extends your editor
GitHub Copilot is available as an extension for

Speaks all the languages you love
GitHub Copilot works with a broad set of

You're the pilot
With GitHub Copilot, you're always in charge. You

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Anything Else ?





+44 (0)330 010958

Andy@formaserve.co.uk

www.formaserve.co.uk

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Thank You!

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Still Training!





Even in these strange times

We are still giving virtual or on-site training

Its your choice ☺

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