













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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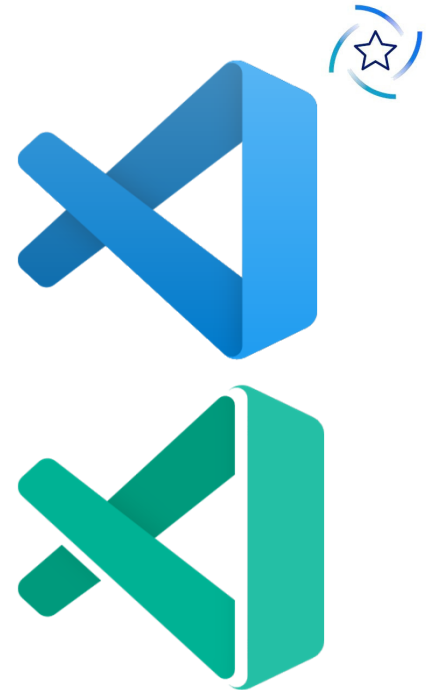
## VS Code – Two Versions

- **Visual Studio Code – Stable build**

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

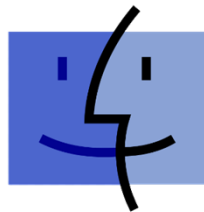
- **Visual Studio Code - Insiders**

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



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## Cross Platform



Mac OS

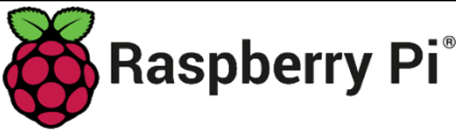


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Even here!



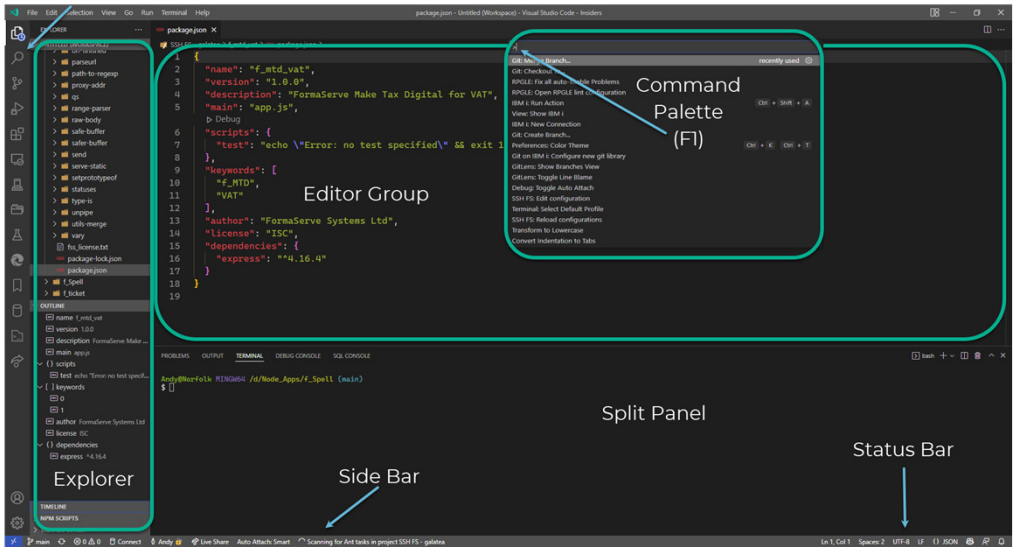
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# Layout

Activity Bar

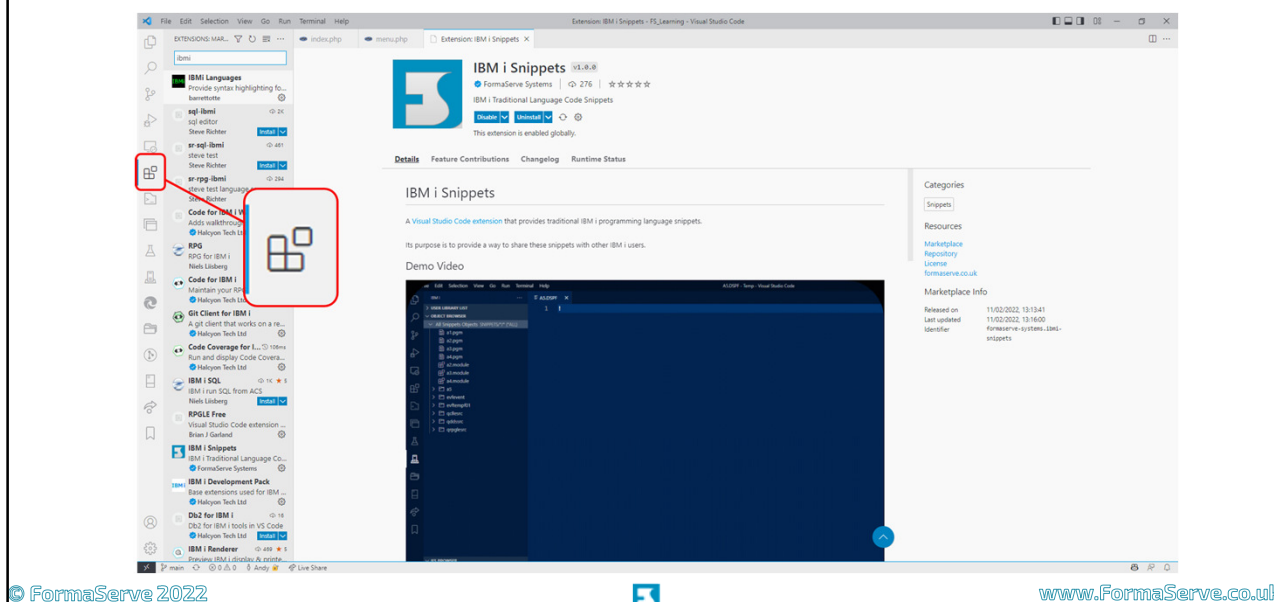


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# Extensions Make VS Code!



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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



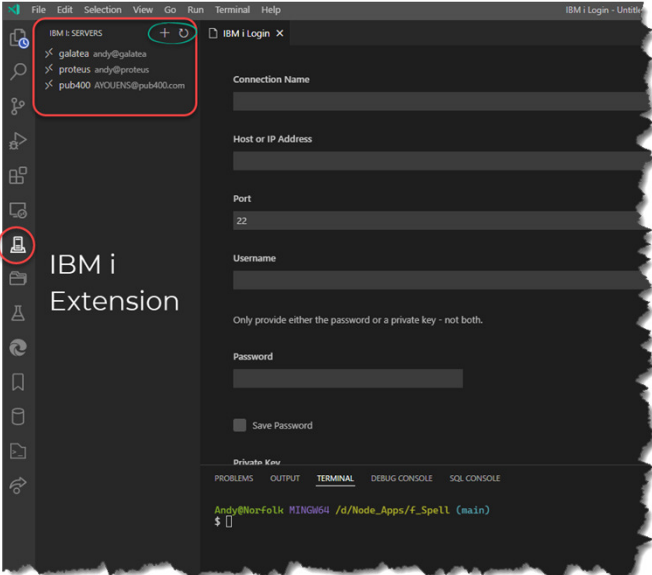
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# IBM i Connection



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 ?



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 @FormaServe & @AndyYouens


 Thank You!



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<https://www.formaserve.co.uk/training.php>

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