

Reusable architecture diagrams

with Draw.io + VSCode + GitHub

**Presented by: Tommy Falgout and lots of hands-on
experience**

Agenda

- Overview
- The Gift of Your Keystrokes
- Technology
 - [Draw.io](#)
 - VSCode
 - Github
- Live Demo

Our Time Is Limited

- [Gift of Your Keystrokes by Scott Hanselman](#)

$5.1\text{CPW} * 50\text{WPM} * 60\text{m/hr} * 6\text{hr/s a day} * 5 \text{ days/wk} * 50 \text{ wks/year} * 44\text{yrs} =$
 $1,009,800,000 \text{ keystrokes left in your hands}$

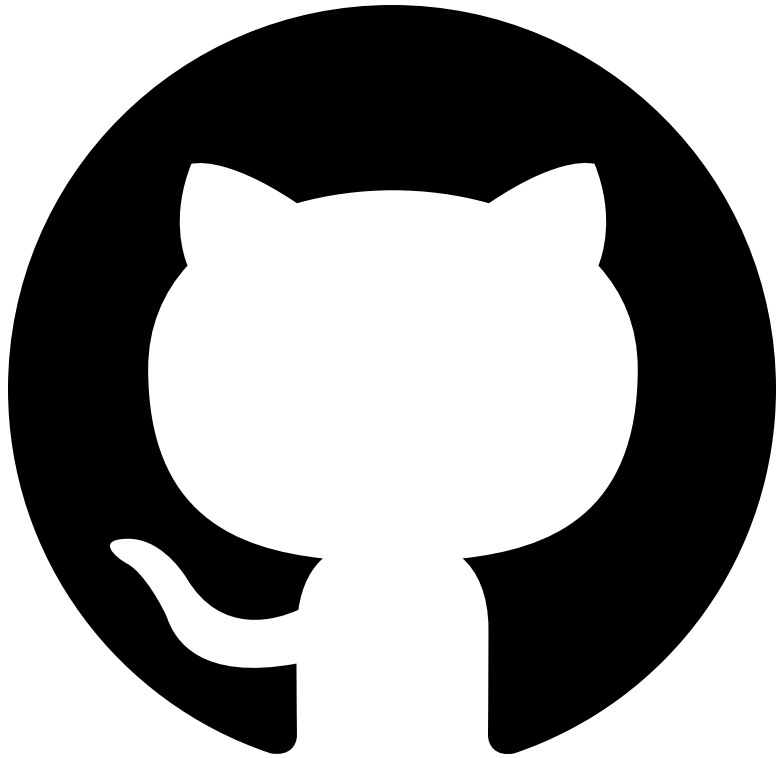
- Effectiveness vs. Efficiency
 - When we reply via email, we reach 1-10 people
 - If we blog, we can increase reach
- Focus on ROI of the limited keystrokes

Draw.io

- Open Source Diagram Software
- Integrates with:
 - MS Teams, Google Drive, Confluence, GitHub
- Import Shapes (Azure, AWS, UML)
- Can use: Browser, Native App, VSCode

VS Code

- File Editor
- Vast plugin ecosystem
 - Including [Draw.io](https://draw.io)



GitHub

- Version Control as a Service
- Works best for text, NOT binary
- Uses Markdown for documentation

Putting It All Together

- Use [Draw.io](#) to create diagrams
- Use VSCode to create documentation
- Use Github to store and version control

Case Study

Requirements

- SaaS Offer
- AKS
- Microservices
- K8S Ingress
- Private Link across Tenants

VSCode + Draw.io

GitHub + Markdown

HINT: Does this look familiar?

Blog

Maximize your keystrokes!

Draw.io Tips and Tricks

Add More Shapes

Add Azure Shapes

Other shapes include:

- AWS
- GCP
- IBM
- VMWare
- Office
- Network
- Logic Gates

Important to know

- [Draw.io](#) works in layers
 - Draw containers from large to small
 - Example:
 - Tenant
 - Subscription
 - Vnet
 - Subnet
 - AKS
- Place icon in top left, inside the container

DEMO TIME

F-IT! Let's do it live!

Volunteers?

- Walk me through your
 - Example architecture
 - Azure based
- I'll draw your architecture

Thanks for attending!

Please fill out a session evaluation

Tommy Falgout

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