

# Docker for Developers



## **Exercise:** **Working with Dockerfiles and ASP.NET Core apps**

# Course Map

1. Developers, Containers, the Cloud
2. Getting Started with Docker
3. Exercise: Installing and using Docker
4. Working with Dockerfiles and ASP.NET Core apps
5. Exercise: Dockerfiles, ASP.NET Core apps



# Course Map

6. Exercise: Mapping to Source Code
7. Exercise: Mapping to Shared Data
8. Multi-Container Applications with Docker Compose
9. Exercise: Linking vs networked Containers, using Docker Compose



# Agenda



- Install .NET Core
- Build and run ASP.NET Core web app
- Add a Dockerfile to the web app
- Build a Docker image from a Dockerfile
- Run containers based on the image

# Get the Bits



[github.com](https://github.com/tonysneed) / tonysneed /

**Kliant.DockerForDevs**

# Clone or download repository

tonysneed / Kliant.DockerForDevs

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Wiki Pulse Graphs Settings

Slides and exercises for the course: Docker for Developers — Edit

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

tonysneed committed on GitHub Update README.md

.gitignore	Initial commit
LICENSE	Initial commit
README.md	Update README.md

README.md

Clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

`https://github.com/tonysneed/Kliant.DockerForDevs`

Open in Desktop Download ZIP

Clone tonysneed/Kliant.DockerForDevs to your computer and use it in GitHub Desktop.

# Exercise ReadMe files

- View online in a web browser
- Or use a markdown client viewer
  - Such as Visual Studio Code



# Interactive Labs

To let me *help you*, download and install:



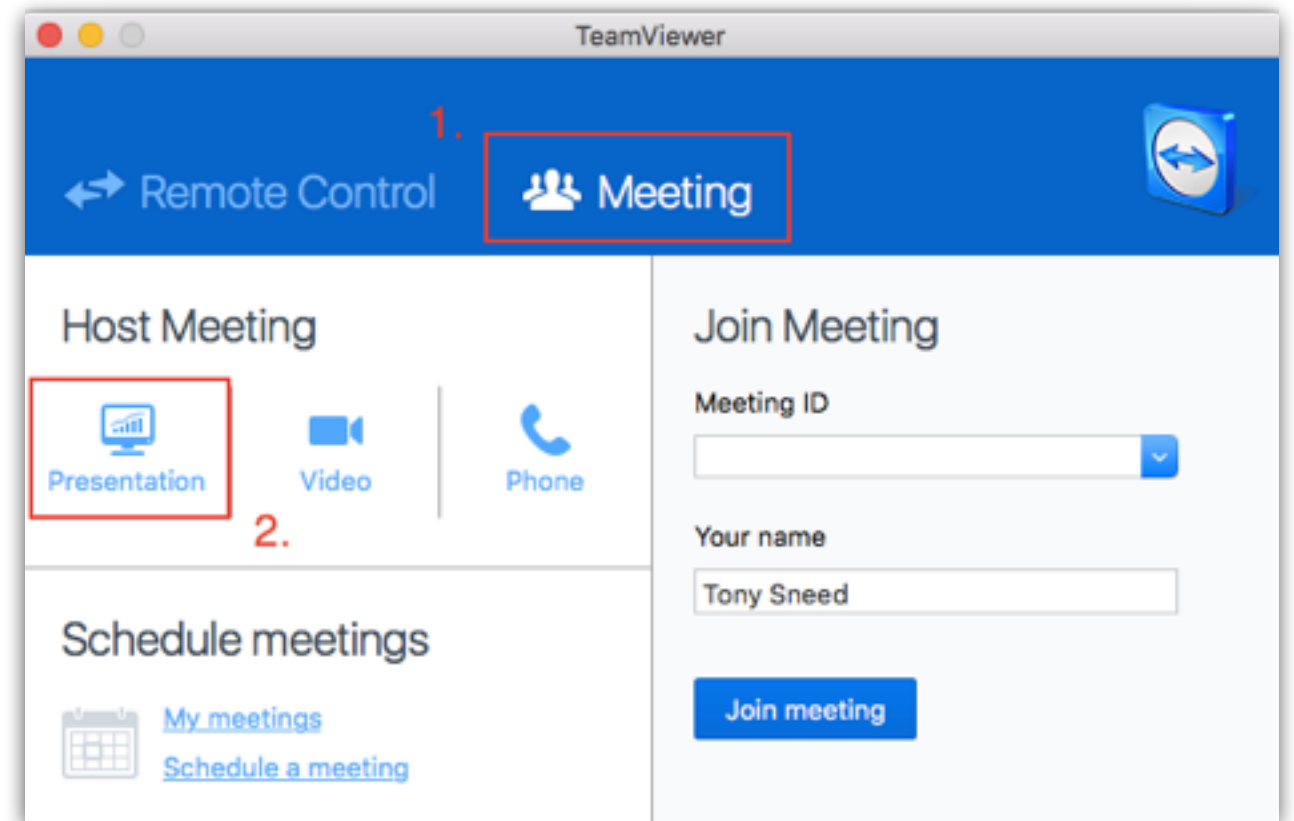
## Team Viewer

<http://www.teamviewer.com>



# Interactive Labs

1. Click **Meeting**
2. Click **Presentation**

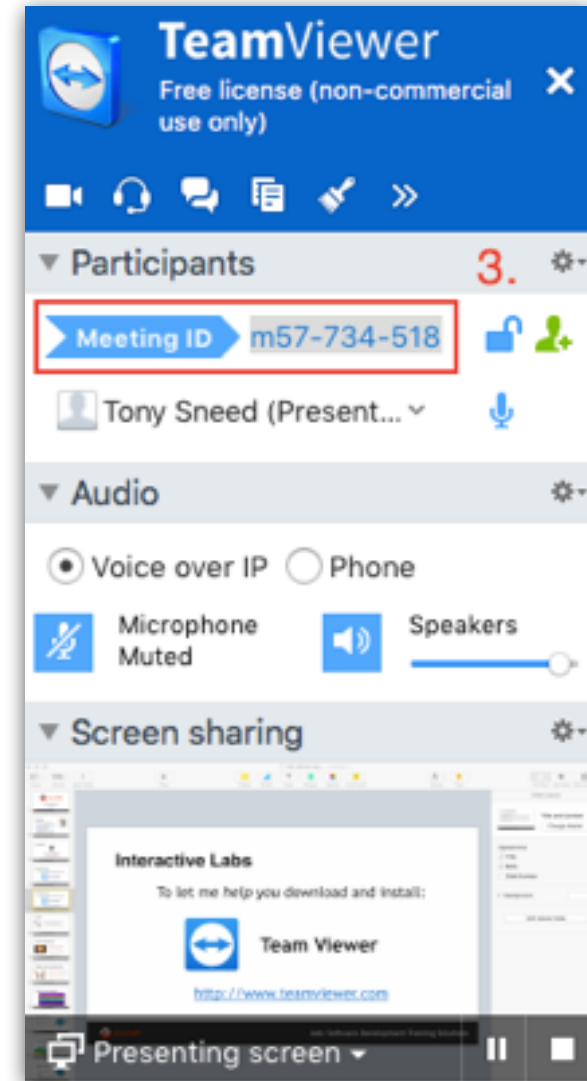


# Interactive Labs

3. Copy Meeting ID

4. Send via private chat,  
or by email:

[tony.sneed@icloud.com](mailto:tony.sneed@icloud.com)



# Contact Me



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