Dev Container

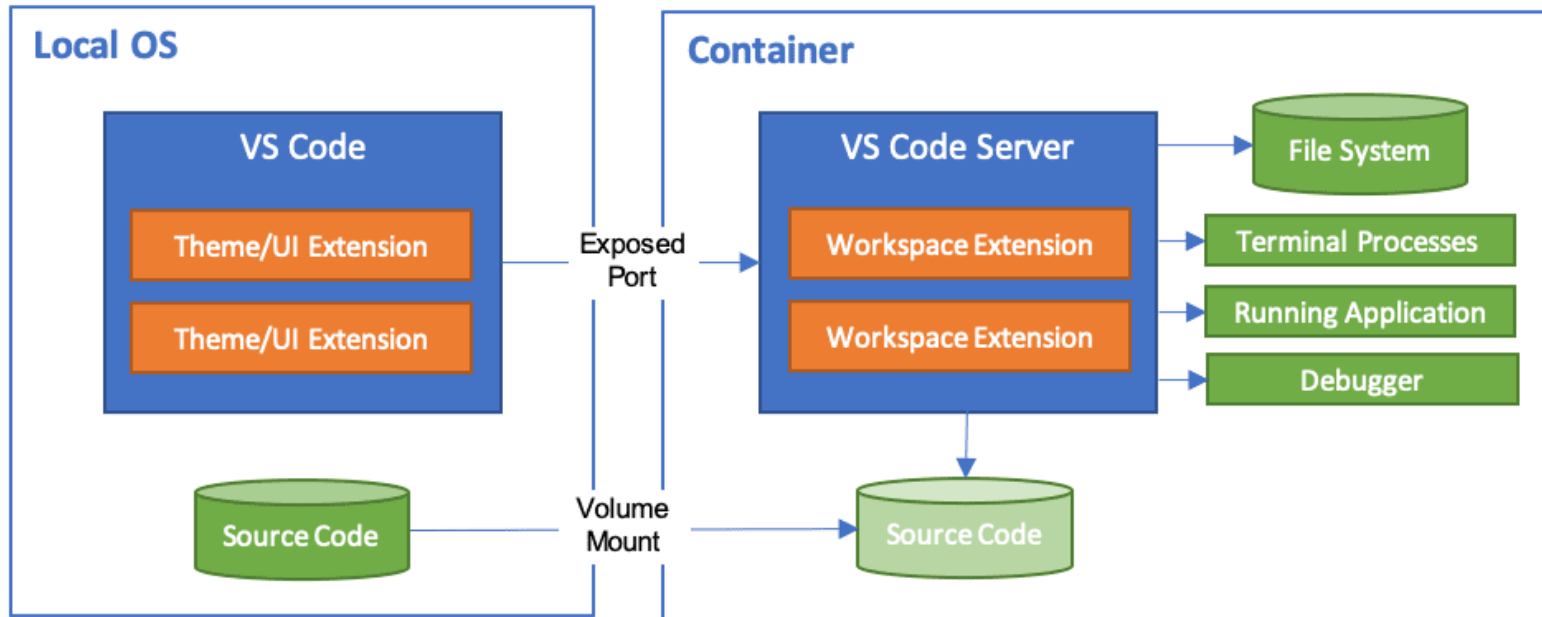Build your cross-platform extension

Advantage

- Help users get started with the project faster
- Don't impose additional burden on the user's working environment
- Out of the box, batteries included, abandoned immediately
- Both on VS code, works well with docker
- Easy for testing
- Cross Platfrom

Requirment

- Docker Desktop
- VS code v1.52.1
- [Remote Container](#)

Build Docker Image

- .devcontainer/devcontainer.json
- .devcontainer/DockerFile (optional)

devcontainer.json

- Configuration
  - build (ref Dockerfile or build a new docker)
  - settings
  - Extensions
  - remoteUser
  - mount
  - postcreatecommand
  - forwardPorts

- Samples: microsoft/vscode-dev-containers

Sample

- reopen in container
- Teams toolkit on extension page
- Create new project by teams toolkit
- F5 to start local debug

Key point

- Local interaction(VS code remote host server)
- Authentication (HTTPS, SSH……)
- Disk performance (bind mount, named volume)
- Redirect port(temporary, permanent)

Thanks!