DSpace and Docker

- Resources
    - Published Docker Images
    - Docker Image Source
    - Technical Support and Project Communication
- Additional Resources

Resources

Published DSpace 7 Docker images are used for our demo sites. But, we highly recommend institutions analyze them prior to usage in Production. We do not have Docker in production experts on our current developer team. But, contributions/improvements to our Docker scripts are always welcome.

- https://demo.dspace.org uses Docker images tagged with "dspace-7_x" (for backend) and "dspace-7_x-dist" (for frontend). These tags are based on our maintenance branch for 7.x
- https://sandbox.dspace.org uses Docker images tagged with "latest" (for backend) and "latest-dist" (for frontend). These "latest" tags are bleeding edge code on our "main" branch. (Never use "latest" in production! It may not always be stable)

Published Docker Images

- DSpace 7
    - Backend (REST API) images: https://hub.docker.com/r/dspace/dspace (see "dspace-7*" tags)
    - Frontend (Angular UI) images: https://hub.docker.com/r/dspace/dspace-angular (see "dspace-7*" tags)
- DSpace 6
    - Images https://hub.docker.com/r/dspace/dspace (see "dspace-6_x-*" tags)
- DSpace 5
    - Images https://hub.docker.com/r/dspace/dspace (see "dspace-5_x-*" tags)

Docker Image Source

- DSpace 7
    - Backend (REST API) scripts at https://github.com/DSpace/DSpace/blob/main/dspace/src/main/docker-compose/README.md
    - Frontend (Angular UI) scripts at https://github.com/DSpace/dspace-angular/blob/main/docker/README.md
- DSpace 6
    - Scripts at https://github.com/DSpace/DSpace/blob/dspace-6_x/dspace/src/main/docker-compose/README.md
- DSpace 5
    - Older, unmaintained scripts available in https://github.com/DSpace-Labs/DSpace-Docker-Images (Use at own risk. They may or may not work anymore)

Technical Support and Project Communication

#dspace-docker Slack Channel or Support

Additional Resources

- Try out DSpace 7 (includes basic Docker instructions for DSpace 7)
- Older talks (these may all be outdated, but might be useful for basic concepts)
    - Dev Show and Tell - Using Docker in Development - May 15, 2018 - 1500UTC
    - Dev Show and Tell - Aug 28, 2018 - 1500UTC - DSpace On DockerHub
    - Past DSpace Docker Implementation Conversations (outdated)