

Running Dataverse in Docker

- These images are experimental, suitable for demos and evaluation.
- Hardware requirements
 - 8 GB RAM if not much else running (Slack, Zoom, etc.)
- Software requirements
 - Mac, Linux, or Windows (experimental)
 - Docker
- Steps
 - Download docker compose file
 - TODO: create docker/demo/compose.yml
 - `docker compose up`
 - On Windows, run from within a WSL container
 - Wait a few minutes, watch for "have a nice day"
 - Test homepage at <http://localhost:8080>
 - Try logging in
 - username: dataverseAdmin
 - password: admin1
- Personas
 - TODO: write persona: demo
 - TODO: include in configbaker
 - Writing your own persona
 - Provide local file
 - Create mount for configbaker to pick it up.
- Details about the containers
 - TODO: tags and versions
 - Today you'd use the "alpha" tag but 6.1 but it would change to 6.2.
 - beta-6.1 as a tag? or alpha-6.1? 6.1.alpha or 6.1-alpha might be more standard
 - What about the need to rebuild images? For security, etc.
 - Should also version the base image as well.
 - How many releases to support? Three?
 - CI Job to update the version in the README.
 - Snapshot images for now? Updates for security later?
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 - TODO: Can you reference a remote compose file? (or only local?) Provided flavored files that complement the base file?
 - Required

- dataverse
 - postgres
 - solr
 - REMOVE nginx
- Optional
 - REMOVE keycloak
 - REMOVE localstack
 - REMOVE minio
 - container with previewers?
- Troubleshooting
 - bootstrapping did not complete
 - Try increasing timeout
 - Windows
 - volumes, file system
 - Configbaker: Bootstrapping gives “dataverse: host not found”
 - strange error
 - Not enough memory for the Docker machine
- Getting help
 - #containers in <https://chat.dataverse.org> (Zulip)