

DSPACE 7 Release Procedure

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 This was the procedure used to release the 7.0 beta1 release. It may change prior to 7.0 final.

0. Select a Release Tag Name

Something like "dspace-7.0-beta1". We will use this same tag for the Backend, Frontend and DockerHub.

1. Release Backend Via Maven

- Generally, follow the existing Official Release Procedure at [Release Procedure#MakinganOfficialRelease\(e.g.'dSPACE-x.y'or'dSPACE-x.y-rc1'\)](#).
- On key **difference** is that DSpace 7 requires usage of a "-Drelease" flag in every release command. This property ensures the proper Maven modules are enabled (or disabled) based on what needs to be released.
 - Dry Run: `mvn release:prepare -DdryRun=true -Drelease`
 - Release Version: "7.0-beta1"
 - Release Tag: "dSPACE-7.0-beta1"
 - Tag & Increment Version: `mvn release:prepare -Dresume=false -Drelease`
 - Deploy to Sonatype: `mvn release:perform -Drelease`
 - Login to Sonatype & release to Maven Central: <http://oss.sonatype.org/>
- Create a [Release](#) in GitHub linking to the [Release Notes](#)

2. Release Frontend Via a Tag

- Create a new [Release](#) & Tag in GitHub. See <https://help.github.com/en/github/administering-a-repository/managing-releases-in-a-repository> for full instructions
 - Note: Alternatively, you can choose to tag the release from command-line (via git tag), but GitHub allows you to create a new tag when creating a new release.
- Make sure the GitHub Release description links to the [Release Notes](#)

3. Build Docker Images for Tagged Releases

Images can be built & pushed from commandline to [DockerHub](#). Again, use the same tag name as above.

Terry, Tim, Kim & Pascal currently have Push access. Request it from one of them if you don't have it yet.

Build docker image

```
cd <DSpace-SRC>
--checkout tag--
docker build -t dspace/dspace:<tag> .
docker push dspace/dspace:<tag>

cd <ANGULAR-SRC>
--checkout tag--
docker build -t dspace/dspace-angular:<tag> .
docker push dspace/dspace-angular:<tag>
```