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How to automatically generate a yum repo with Nexus

Add the yum capability in Nexus

- Point your browser to the Nexus instance: `http://ci-01.cnaf.infn.it:8081/nexus` and login with admin privileges.
- In Nexus administration, add the following capability: `Yum: Generate Metadata` selecting the correct repository (e.g. releases).
- Enable the capability

Upload an artifact

- On the selected repository select the `Artifact upload` tab
- Select `Gav definition: Gav Parameters`
- Select `Auto Guess`
- Click on `Select Artifact(s)` to upload and select one or more rpms by browsing the filesystem
- Fill in the `Group` field (e.g. `org.glite`)
- Click on `Add Artifact`
- Click on `Upload Artifact(s)`

The yum repo is automatically generated upon artifacts upload in the repository.

Use the yum repo

- Click on the capability `Yum: Generate Metadata` for the yum configuration file to be displayed
- On an SL6 machine, copy and paste the displayed yum configuration file in `/etc/yum.repos.d/nexus.repo`
- `yum clean all`
- `yum makecache`
- `yum install _RPMNAMES_`

-- FabioCapannini - 2013-05-14

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