

Fedorapeople Repos

Fedora People Repos

Fedora Packagers looking to create a repo at <http://repos.fedorapeople.org/> should follow the directions below. These repos should only be used for packages that are intended for end-user non-transient use. For example:

- Bring a major release version to an older Fedora release
- Testing out new software before putting it in rawhide
- Alternate packages already available (different compile options for example)

Things it should not be used for include:

- Package reviews
- Stuff on the Forbidden Items (<http://fedoraproject.org/wiki/ForbiddenItems>) page

Create repo

Create Repo Layout

Log in to fedorapeople.org and run:

```
$ new_repo
```

And follow the directions.

Local Repo

You must create all repodata locally on your workstation, not on fedorapeople.org. If you compiled via koji --scratch builds, download those builds and follow the example below (nagios, nagios-debuginfo and nagios-devel had already been downloaded to ~/)

```
$ mkdir /tmp/myrepo
$ cd /tmp/myrepo
$ mkdir i386 x86_64 SRPMS
$ cp ~/nagios*3.1.2-2.fc12.i386.rpm ./i386
$ cp ~/nagios*3.1.2-2.fc12.x86_64.rpm ./x86_64
$ cp ~/nagios-3.1.2-2.fc12.src.rpm ./SRPMS
$ for dir in *; do cd $dir; createrepo ./; cd ..; done
```

You now have 3 local yum repos in your i386, x86_64 and SRPMS directory



It is recommended to use a dist tag when creating rpms to avoid confusion

Upload Repos

Note: to complete this step you need the REPO_PATH from the "Create Repo Layout" above.

```
$ rsync -avz * fas_name@fedorapeople.org:$REPO_PATH
```

Accessing new repo

Your new repo should now be listed at:

<http://repos.fedorapeople.org/repos/>

A cron job will be run regularly to add it to the list of known repos at:

<http://repos.fedorapeople.org/>

Delete repo

To delete a path, just use REPO_PATH from above and remove it:

```
rm -rf /srv/repos/mmcgrath/nagios
```

Script for easy create tree local repo directory

```
#!/usr/bin/env bash
repoLocalDir=~/.repos
declare -a branches=(fedora-13 fedora-14)
declare -a rpmdir=(i386 x86_64 noarch SRPMS)

IFS=",$IFS"
eval mkdir -pv $repoLocalDir/{${branches[*]}}/{${rpmdir[*]}}
```

Script for easy repo update

```
#!/usr/bin/env bash
fasLogin=bioinformatics
repoLocalDir=~/.repos
repoName=D
declare -a branch=(fedora-13 fedora-14)
declare -a rpmdir=(i386 x86_64 noarch SRPMS)
declare -a rsyncParam=(-avtZ --delete)

cd $repoLocalDir
for dir2 in "${branch[@]}"
do
  echo -e "\033[31mUpdate $dir2 repos:\033[0m"
  cd $dir2
  for dir3 in "${rpmdir[@]}"
  do
    echo -e "\033[34m\t* $dir3:\033[0m"
    cd $dir3
    createrepo ./
    rsync "${rsyncParam[@]}" ./* $fasLogin@fedorapeople.org:/srv/repos/$fasLogin/$repoName/$dir2/$dir3
    cd ..
  done
  cd ..
done
cd ..
```

In my example i put all fedora branch in ~/.repos directory so maybe you need modify this. You can use sed for quick replace as:

```
$ sed -i "s|repoLocalDir=~/.repos|repoLocalDir=newDirName|"
```

And you need replace bioinformatics by to own fas login

```
$ sed -i "s|fasLogin=bioinformatics|fasLogin=fasLoginName|"
```

In last my repos is named D so you need replace this to:

```
$ sed -i "s|repoName=D|repoName=myRepoName|"
```

Retrieved from "https://fedoraproject.org/wiki/Fedorapeople_Repos"

Category: Package Maintainers

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