

# AIX Toolbox

## Tutorials

- [Configuring YUM and creating local repositories on IBM AIX - IBM Developer](#)
- [Tips for Installing Python or other AIX Toolbox for Open Source Software](#)
- [Get Started with the AIX Toolbox for Open Source Software](#)
- [Creating local repo with DNF and AIX Toolbox Media Image](#)

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## RPM

- [AIX Toolbox for Open Source Software : Downloads alpha \(ibm.com\)](#) (NOTE: ????)  
500 ??? Refresh ??)
- [Index of /aix/freeSoftware/aixtoolbox](#)

## ISO/Tar File

- [Download AIX ISO images from IBM](#)

<https://support.ibm.com> (NOTE: ?????????(SWMA)???)

1. -> Downloads
2. -> Entitled Systems Support (ESS)
3. -> Login
4. -> My Entitled Software
5. -> Software Downloads
6. -> AIXV7R3
7. -> Search Glass
8. -> AIX Enterprise Edition 7.2 and 7.3
9. -> 2259: AIX Toolbox for Linux APPS v06.01.00,ENU,DVD
10. -> I Agree
11. -> HTTPS method
12. -> ESD-Toolbox\_for\_Linux\_Apps\_Common\_7.1-7.3\_112023\_LCD4107738.iso

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# ?? ?AIX Toolbox ???

???????????????????? AIX Toolbox ????????

???????????? Build Host ???? \*.ibm.com ????????????????

💡 Tip: ??? AIX-rpm ????? AIX ISO ??????????????

```
rpm -qai | egrep "Name|Install Date|Build Date|Build Host"
```

## Local DNF repository

?? AIX Toolbox ??????

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1. ????????? AIX Toolbox ISO ? TGZ ?
2. ? AIX ????? ISO ????? TGZ ?????? /mnt/aixtoolbox
3. ?????????? /mnt/aixtoolbox/einstall/ppc/dnf\_aixtoolbox\_local.sh
4. ?????? /opt/freeware/etc/dnf/dnf.conf
5. ??????

Mount the ISO file

```
loopmount -i aix_linux_toolbox_*.iso -o "-V udfs -o ro" -m /mnt/iso
```

Create local repo.

- Usage: `dnf_aixtoolbox_local.sh <mount path or tar extraction path>`

```
/mnt/iso/einstall/ppc/dnf_aixtoolbox_local.sh /mnt/iso
```

???????? /opt/freeware/etc/dnf/dnf.conf :

```
[main]
cachedir=/var/cache/dnf
keepcache=1
debuglevel=2
logfile=/var/log/dnf.log
exactarch=1
gpgcheck=1
```

```
installonly_limit=3
clean_requirements_on_remove=True
best=True
```

```
plugins=1
```

```
[Local_AIX_Toolbox]
name=Local AIX generic repository
baseurl=file:///mnt/iso/RPMS/ppc/
enabled=1
gpgcheck=0
```

```
[Local_AIX_Toolbox_noarch]
name=Local AIX noarch repository
baseurl=file:///mnt/iso/RPMS/noarch/
enabled=1
gpgcheck=0
```

```
[Local_AIX_Toolbox_72]
name=Local AIX 7.2 specific repository
baseurl=file:///mnt/iso/RPMS/ppc-7.2/
enabled=1
gpgcheck=0
```

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```
root@aixvm:worktmp> dnf repolist
```

repo id	repo name
Local_AIX_Toolbox	Local AIX generic repository
Local_AIX_Toolbox_72	Local AIX 7.2 specific repository
Local_AIX_Toolbox_noarch	Local AIX noarch repository

```
root@aixvm:worktmp> dnf check-update
```

Local AIX generic repository	1.6 MB/s   1.4 MB	00:00
Local AIX noarch repository	1.7 MB/s   595 kB	00:00
Local AIX 7.2 specific repository	1.1 MB/s   146 kB	00:00

Last metadata expiration check: 0:00:01 ago on Wed Mar 5 15:19:23 CST 2025.

ca-certificates.ppc	2024.2.66-1	Local_AIX_Toolbox
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dnf.ppc	4.2.17-32_51	Local_AIX_Toolbox_72
dnf-automatic.ppc	4.2.17-32_51	Local_AIX_Toolbox_72
dnf-data.ppc	4.2.17-32_51	Local_AIX_Toolbox_72
expect.ppc	5.45.4-2	Local_AIX_Toolbox
libcomps.ppc	0.1.15-101	Local_AIX_Toolbox
libdnf.ppc	0.39.1-32_52	Local_AIX_Toolbox_72
libmodulemd.ppc	1.5.2-100	Local_AIX_Toolbox
librepo.ppc	1.11.0-103	Local_AIX_Toolbox
...		
...		

```
root@aixvm:worktmp> dnf update
```

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