



FEDORA CLOUD KDE

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WHO ARE WE?

David Duncan

- Contributor and package maintainer in Fedora
- Chair of Fedora Cloud WG
- Member of Fedora Mindshare Committee
- Member of CentOS Hyperscale SIG
- Member of CentOS Alternative Images SIG
- Senior Manager, Partner Solutions Architecture at Amazon Web Services, Inc.

Neal Gompa

- Open Source Advocate
- Contributor and package maintainer in Fedora and CentOS
- Member of Fedora Engineering Steering Committee (FESCo)
- Chair of Fedora Asahi SIG
- Chair of Fedora KDE SIG
- Member of the KDE, e.V.
- Member of Fedora Workstation, Fedora Cloud, and Fedora Server WGs
- Co-chair of CentOS Hyperscale SIG
- Member of CentOS Alternative Images SIG
- Co-host of the Sudo Show podcast
- Senior Black Belt, Managed OpenShift at Red Hat, Inc.
 - Previously: Senior DevOps Engineer at Datto, Inc.



DESKTOPS IN THE CLOUD



VIRTUAL DESKTOP INFRASTRUCTURE

Desktops on-demand

Virtual Desktop Infrastructure (VDI) is an incredibly popular option for enabling success with technology. In particular, it enables *safe* experimentation, easy access, and can reduce costs for strained organizations trying to deliver useful experiences to people.



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DEVELOPING FOR THE CLOUD IN THE CLOUD

“Full” developer experience

Despite advances in web-based developer IDEs, a lot of really good development experiences can only be done with a full desktop experience, especially cloud-based software.

Linux shines here with high quality software for developing software!



Preferred operating systems survey excerpted from StackOverflow Developer Survey 2022

FEDORA KDE FOR THE CLOUD



FEDORA KDE

Fedora KDE SIG

The Special Interest Group (SIG) packages and maintains the Qt stack and KDE software ecosystem for Fedora (and RHEL, starting with RHEL 8).

We develop and maintain variants of Fedora media with KDE software on it.

Also... fedoraloveskde.org



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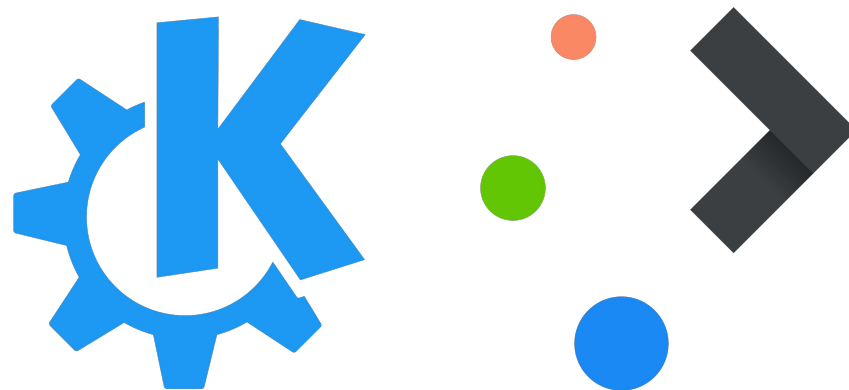
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FRESH KDE PLASMA

Always latest KDE software

The Fedora KDE SIG has a policy of continuously updating KDE Plasma for the latest stable releases of Fedora Linux.

As part of enabling that, the Fedora KDE SIG collaborates closely with the KDE community to help support our needs.



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Artifacts



Internethamster / build-cloud-kde-ansible Public

Notifications Fork 0

- Code Issues Pull requests Actions Projects Security Insights

main 2 branches 0 tags

Go to file Code

About

Build Cloud KDE Workstation using Ansible

- Readme Apache-2.0 license Activity 0 stars 1 watching 0 forks Report repository

Releases

No releases published

Table with columns: File Name, Commit Message, and Time Ago. Rows include files, inventory, playbooks, templates, .gitignore, LICENSE, README.md, and ansible.cfg.

All based on the ansible - planning includes support for the arm64 on EC2.

```
$ ansible-playbook --private-key ~/.ssh/id_rsa-previous -i inventory/cloud-instances-aws_ec2.yaml -e "ec2_architecture=x86_64" ./playbooks/build_kde_instance.yml
```

```
PLAY [Deploy a base instance for KDE Build] *****
```

```
TASK [Gathering Facts] *****
```

```
ok: [localhost]
```

```
TASK [identify the current IP address from which this is being run] *****
```

```
ok: [localhost]
```

```
TASK [Use this address in the security group configuration] *****
```

```
ok: [localhost]
```

FUTURE FEATURES



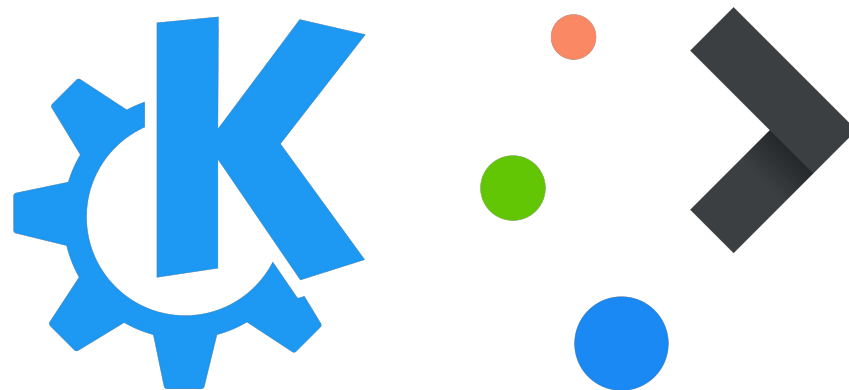
HEADLESS KDE PLASMA 6

Wayland+RDP for 6.0

Fedora is about working with upstreams to enable bringing features first to users. This is also balanced by the skillset of the KDE SIG and where we spend time and effort.

With KDE Plasma 6, Fedora KDE will be shipping *only* a Wayland session. The KDE community is working on enabling support for headless KDE Plasma Wayland environment using RDP through a new component called [krdp](#).

With this, we can have a fully open-source stack for cloud desktops in **any** and **every** cloud.



























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FEDORA KDE SIG

Join Us

- Project issue tracker:
pagure.io/fedora-kde/SIG
- Mailing list:
kde@lists.fedoraproject.org
- Matrix:
[#kde:fedoraproject.org](https://matrix.fedoraproject.org/#kde:fedoraproject.org)

12 Members		
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QUESTIONS?

