Fermilab U.S. DEPARTMENT OF ENERGY Office of Science

Scientific Linux 7 Fermilab Edition (2 Alpha)

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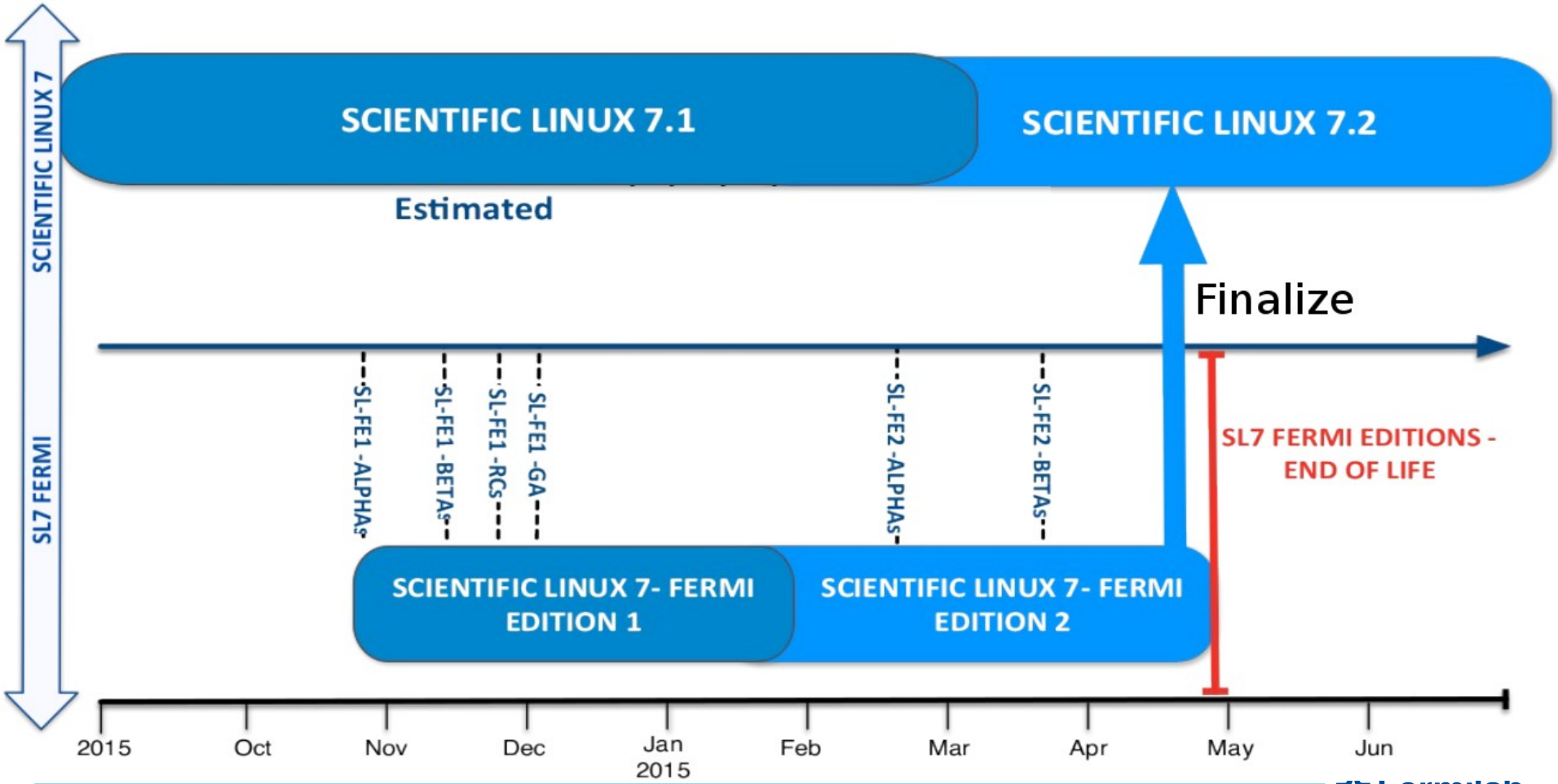
Linux at Fermilab
24 February 2016

Road Map Reminder

We had some schedule slippage, but are still on track for final release dates.



Release Status

Scientific Linux 7 is not considered suitable for production use at Fermilab at this time.

http://ftp.scientificlinux.org/linux/scientific/7x/contexts/fermilab/images/boot.iso

- Scientific Linux 7 Fermilab Edition 1
  - Finalized Nov 24 2015
- Scientific Linux 7 Fermilab Edition 2
  - Alpha Feb 24 2016
  - Beta March 2016

When Fermilab Edition 2 is finalized it will become the Scientific Linux 7 Fermilab Context.

Estimated date of finalization April 2016

Scientific Linux 7 Fermilab Context

The Scientific Linux 7 Fermilab Context is the location for officially sanctioned packages for Scientific Linux 7 at Fermilab.

Scientific Linux 7 Fermilab Edition is a temporary measure while the proposed packages are tested.

When the Scientific Linux 7 Fermilab Context is published, systems using Scientific Linux 7 Fermilab Edition 2 will be automatically transitioned to the Scientific Linux 7 Fermilab Context.

The documentation on Scientific Linux 7 Contexts is published at:
http://ftp.scientificlinux.org/linux/scientific/7x/contexts/

Scientific Linux 7 Fermilab Edition 2 ALPHA

Scientific Linux 7 Fermilab Edition 2 is intended for heavy testing by the user community.

Release Notes:
http://ftp.scientificlinux.org/linux/scientific/7x/contexts/fermilab/docs/

Known limitations of Edition 2 ALPHA:

- No kcron packages – ENHC0002015
- No KCA support
  - ENCH002481 will add a command line tool for CILogon certificates
  - No support for KCA certificates will be added.

- Included Kerberos packages are unofficial
  - ENHC0002013 tracks our work with Authentication Services to get supported packages
- UPS/UPD bootstrap is not included
  - This RPM does not have an official owner
- Rgang is not included
  - This RPM does not have an official owner

Scientific Linux 7 Kickstart snippet

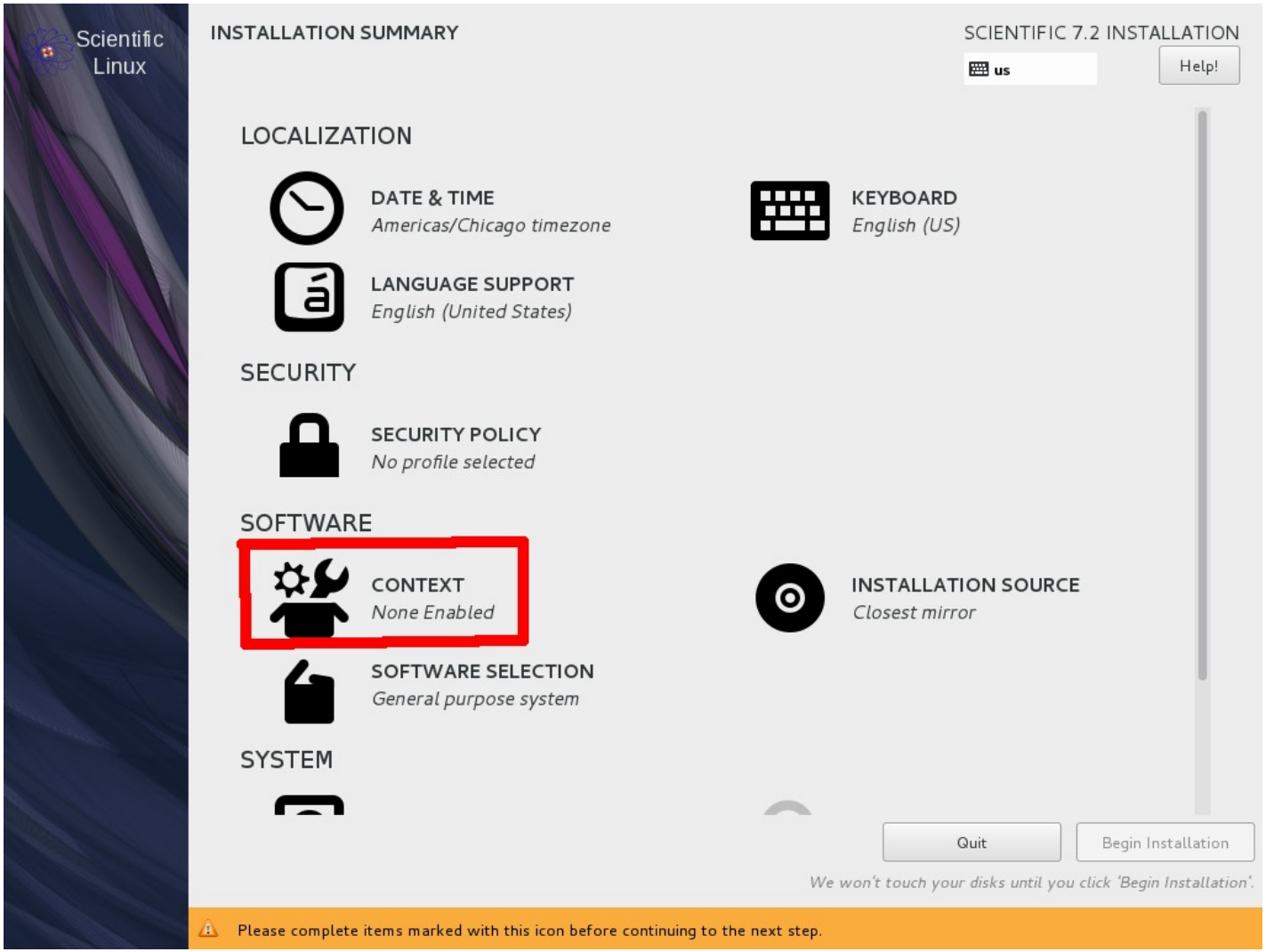
Just add this to your kickstart file

```
%addon org_scientificlinux_contexts
fermilab
%end
```

To enable the testing packages

```
%addon org_scientificlinux_contexts
fermilab|testing
%end
```

Scientific Linux 7 Anaconda Screenshots



Scientific Linux 7 Anaconda Screenshots

CONTEXT FRAMEWORK

Done

SCIENTIFIC 7.2 INSTALLATION

us

Help!

Enable Global Testing: OFF

Context URL: http://ftp.scientificlinux.org/linux/scientific/7/contexts/

Find

Enabled Contexts

Enabled	Testing	Name	Context URL

Known Contexts

Enabled	Name	Context URL
☐	fermilab	http://ftp.scientificlinux.org/linux/scientific/7/contexts/

CONTEXT FRAMEWORK

Done

SCIENTIFIC 7.2 INSTALLATION

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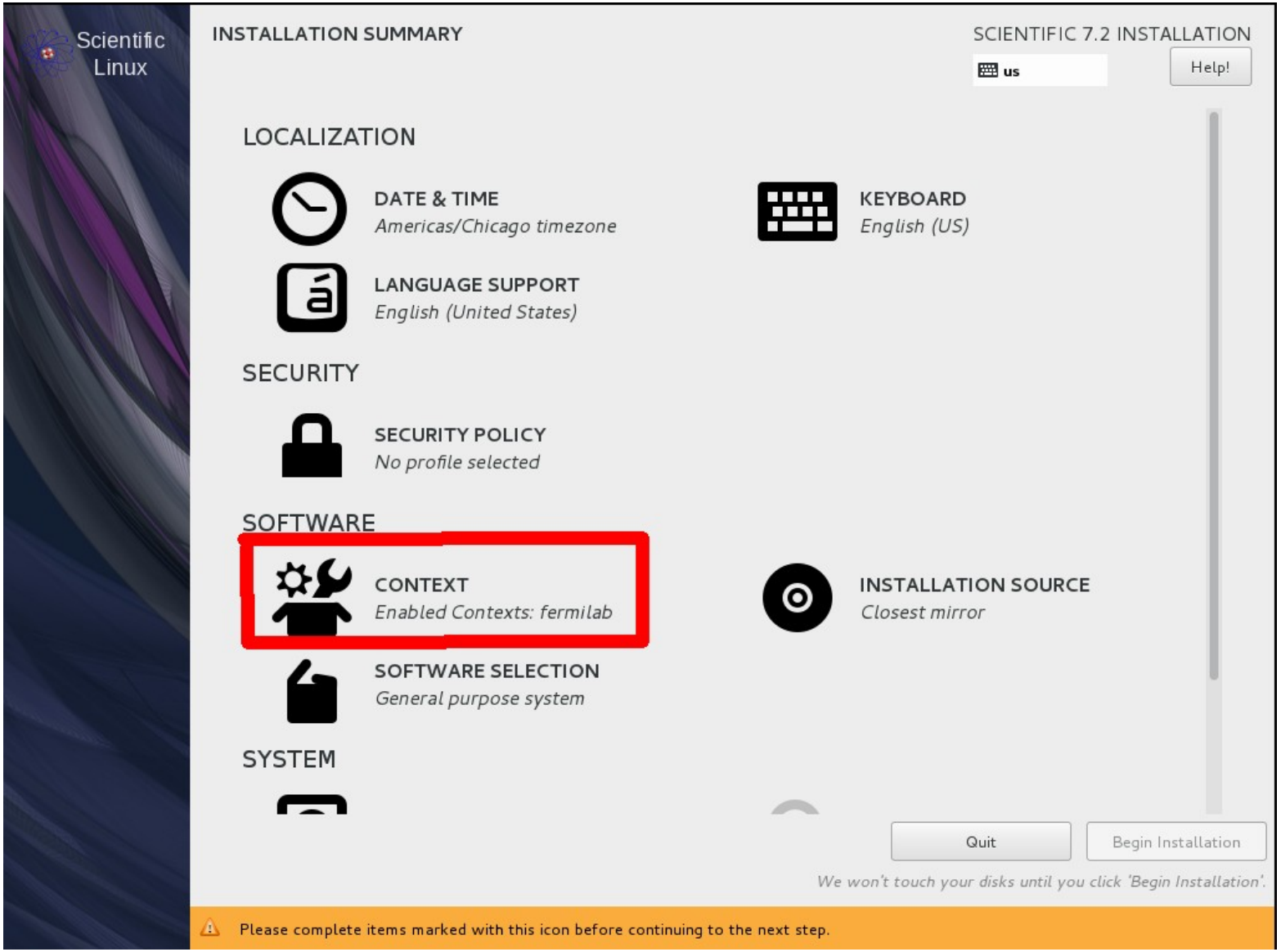
Scientific Linux 7 Anaconda Screenshots