Meeting of the Technical Steering Committee (TSC) Board

Wednesday, Oct 4th, 2023
11:00am ET

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Agenda/Updates

- Announcements, upcoming talks and deadlines
  - ~~ISC BoF scheduled for Monday, May 22nd 4 PM (Europe/Berlin)~~
    - ~~Chris S., Adrian, and David~~
  - ~~PEARC BoF accepted!~~
    - ~~Chris and Derek~~
  - SC BoF submitted
    - Chris, Adrian, Jeremy, Derek, David
    - Rejected

- Anyone need SC passes?
- Documentation Localization
- Requires vs Recommends
- Upstream software and retiring OHPC packages
- Release Discussion

Documentation Localization

- With OHPC 3.x, we now have support for openEuler

- While this increases our reach substantially in China, docs only in English limit our impact

- Martin has begun working on the Chinese documentation

- What do we need to do to test and distribute it?

Requires vs Recommends

- With 2.6.1, we introduced 'Recommends' to meta-packages.spec to support multiple implementations of "singularity"

- https://docs.fedoraproject.org/en-US/packaging-guidelines/WeakDependencies/

- This works for EL and OE but it's off for SUSE by default

- Thoughts on this approach?

```
 90    Requires:  python3
 91    %if 0%{?rhel} || 0%{?openEuler}
 92    Requires:  cairo-devel
 93    Requires:  libpciaccess
 94    Requires:  libseccomp
 95    Requires:  librdmacm
 96    Requires:  NetworkManager
 97    Requires:  perl-interpreter
 98    Recommends: (singularity-ce or singularity or apptainer)
 99    %ifarch x86_64
100    Requires:  libpsm2
101    %endif
102    %endif
103    %if 0%{?openEuler}
104    # For valgrind on openEuler we need to glibc-debuginfo on the compute nodes
105    Requires: glibc-debuginfo
106    %endif
107    %if 0%{?suse_version}
108    Requires:  libcairo2
109    Requires:  libpciaccess0
110    Requires:  libatomic1
111    Requires:  librdmacm1
112    Requires:  libicu-suse65_1
113    Requires:  singularity
114    %ifarch x86_64
115    Requires:  libpsm2-2
```

Upstream software and retiring packages

- Jeremy has created an amazing spreadsheet for EL and SUSE

- https://bit.ly/ohpc-software-list

- It needs to be updated to include openEuler; any volunteers?

- Target 2.7 and 3.1 releases for the pruning

- Next steps?

Release Discussion

- CVE for one of our core components will be made public on Oct 11th

- Planning a 3.0.1 and a 2.6.2 to address this issue

- 2.7 release
  - Prune and update 3rd party software
  - Which intel oneAPI version to use? 2023.2.1?
  - Still use the classic compiler backend?

- 3.1
  - Prune and update 3rd party software
  - Add more ARM compiler packaged software
  - Add Warewulf4 recipes
  - Add localization support and our first non-English recipe