

XSEDE Capability Delivery Plan

CI-01 Access system information

Last revised 2017-04-21

Background

Use cases describe community needs, requirements, and recommendations for improvements to cyberinfrastructure “CI” resources and services. A Capability Delivery Plan “CDP” is an executive summary of use case support gaps, of plans to fill those gaps with new or enhanced capabilities, and of existing operational components that already support aspects of a use case.

Use Case Summary

Use case CI-01 describes how the XSEDE community needs to access up-to-date system information such as what use cases have been identified to document user needs, the relationship between use cases and available software and services, what use cases are not supported by available software and services, and which use cases is someone delivering new software and service for.

Use case document(s): [Description \(pending review\)](#)

CDP Summary

The functionality described in this use case is mostly supported by the operational components listed below.

Gap(s) that we currently plan to address:

- A researcher, an application developer, or a service provider needs to know which use cases XCI is working on in order to avoid duplicating effort
- A researcher, a service provider, an application developer, or a campus IT administrator needs to find software for a particular use.

Gap(s) that will not be addressed at this time:

- None

Time and effort summary:

- 2 hours for XCI-54
- 4 hours for XCI-55

Functionality Gaps

1. Show which Use Cases XCI activities are enabling and the components that are being delivered (suggested priority: high)

XCI activities in JIRA are generally linked to use cases and components. This activity needs to produce a new CSR view showing the relationship of Use Cases to XCI JIRA Activities and components.

Plans: Under PY6 activity [XCI-19 Implement Initial XSEDE Community Repository](#) we will:

- 1) [Create a CSR view of XCI activities and associated use cases and components \(XCI-54\)](#).

2. Show which Use Cases are supported by XSEDE components (suggested priority: high)

XCI activities in JIRA are generally linked to use cases and components and capability Delivery Plans identify which existing components support each use case. However, we currently do not have an easy way for the community to view the list of components that support each use case.

Plans: Under PY6 activity [XCI-19 Implement Initial XSEDE Community Repository](#) we will:

- 1) [Create a CSR view showing the relationship of use cases and supporting components \(XCI-55\)](#).

System Components That Support This Use Case

The following XSEDE operational components currently support this use case:

Component	Supported Functionality
XUP	Navigate to “Resource -> Software” to view XSEDE offered software; or Navigate to “User Services -> Documentation -> User Guides” to view XSEDE offered services
CSR	Navigate to “User Requirements and Use Cases” to explore Use Cases; or Navigate to “Installable Software” or “Operational Software” to view software that can be deployed and software/services that are already deployed and ready-to-use.

References

N/A

- 1.
- 2.