

Usability Phase II: Understanding the DataONE User eXperience

UX Testing Objectives

Assess system usability

Observe users as they perform tasks and “think aloud”

Collect data on time and task, errors, satisfactions levels, and frustrations

Provide CCIT with feedback for improved design & DataONE partners with feedback

UX Testing Benefits

Study what users do (not just what they say they do).

Understand user behaviors, needs, and motivations.

Create an efficient, useful, and accessible product.

Create a pleasing user interface.

Provide a good return on investment.

Compare different product designs.

UXL relationships with other working groups

UX Capabilities

Eye-tracking

User Research

Heuristic Evaluation

Focus Groups analysis

Biometrics

Remote Usability Testing

Mobile Usability Testing

Usability Training



Prototype

Refine

In Phase II, scientists are directly engaged with improving tools

Feedback

