

Progress QA Test Plan

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Environments

Browser	Version
Chrome	Latest Stable Release
Firefox	Latest Stable Release
Internet Explorer	Latest Stable Release
MS Edge	Latest Stable Release
Safari [fluid:1]	Latest Stable Release

[fluid:1] keyboard a11y can be slightly improved if you select the "all controls" option from "Keyboard Shortcuts" under the "Keyboard & Mouse" settings. May also need to use "option + tab" for tab navigation.

General QA Guidelines

General Use

- Does the tool behave the way that you would expect
- Are you surprised by anything
- Does something take longer than you would expect
- When the tool does something unexpected or takes too long to do something, does the tool provide appropriate feedback

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Specification

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QA Tests

Protocol

Perform the following tests using each browser/system environment

Report issues at: <http://issues.fluidproject.org/secure/Dashboard.jspa>



Please search for issues before reporting them, so as to limit the number of duplicate entries.

[Progress Jira Filter](#)

Unit Test

Protocol

Launch the following website to execute unit tests.

Site

<http://build.fluidproject.org/infusion/tests/component-tests/progress/html/Progress-test.html>

State Tests

Description

Ensures that the component properly traverses through the various states.

Protocol

Perform these tasks on the following site, perform the tests in order.

Site

[Demo](#)

Mouse

no tests yet

Keyboard

no tests yet

Task Oriented Functional Tests

Description

Ensures that the component is able to handle expected input.

Protocol

Perform these tasks on the following sites.

Site

[Demo](#)

Test 1: Continuous Progress Animation

- Procedure
 1. Open the browser and navigate to the specified URL
 2. Using the mouse, click the 'Submit' button
- Expected Results
 - After clicking the "Submit" button, a progress bar should appear
 - The progress bar should gradually fill to 100%
 - As the progress bar fills, the percentage complete should be displayed
 - After the progress has reached 100%, it should gradually fade away
- Stop Test
 - Refresh the browser to return the page to its initial state.

Test 2: Continuous Progress Animation

- Procedure
 1. Open the browser and navigate to the specified URL
 2. Using the keyboard, tab to the 'Submit' button and tap the "enter" key
- Expected Results
 - After clicking the "Submit" button, a progress bar should appear
 - The progress bar should gradually fill to 100%
 - As the progress bar fills, the percentage complete should be displayed
 - After the progress has reached 100%, it should gradually fade away
- Stop Test
 - Refresh the browser to return the page to its initial state.

Assistive Technology (AT)

Test 3: AT Tests

- Procedure
 1. Open the browser and navigate to the specified URL
 2. Using the above tests (Test 1 - 2) as a guide, attempt to navigate through each state of the system
 - a. Example ATs
 - i. Screen Readers: [JAWS](#), [NVDA](#), [VoiceOver](#), [Orca](#)
 - ii. Built in AT features: [Windows](#), [Mac](#), [Linux](#), [iOS](#), [Android](#)
 - iii. Others ATs: Speech Recognition, Screen Magnifiers, switch access, etc.

- Expected Results
 - All states of the system should be reachable and usable while using the AT

Boundary Tests

Description

Ensures proper functionality at the input limits

Protocol

Perform these tasks on the following site.

Site

[Demo](#)

no tests yet

Test-to-Fail

Description

Tests which should cause errors or not be accepted as input

Protocol

Perform these tasks on the following site.

Site

[Demo](#)

no tests yet

Validation

Description

Tests to ensure that specifications are being met

Protocol

Perform these tasks on the following site.

Site

[Demo](#)

Test 1: HTML Validation

- Procedure
 1. Open the browser and navigate to the specified URL
 2. For each state of the system (see: [Functional Tests](#)), validate the HTML markup
 - a. Tools for validation
 - i. [Nu HTML Checker Bookmarklet](#)
- Expected Results
 - All of the HTML markup should properly validate in all states.
- Stop Test
 - Refresh the browser to return the page to its initial state
 - Quit the tool you are using to validate

Test 2: WCAG Validation

- Procedure
 1. Open the browser and navigate to the specified URL
 2. For each state of the system (see: [Functional Tests](#)), ensure that the WCAG guidelines are being met to at least AA level
 - a. Tools for validation (Note: Automated tools are not yet capable of catching all issues. It is important to go through the checklist, making use of automated tools where possible, and manual processes otherwise).
 - i. [WCAG AODA accessibility audit checklist](#)
 - ii. [tota11y Bookmarklet](#)
- Expected Results
 - Passes WCAG 2.0 AA requirements
- Stop Test
 - Refresh the browser to return the page to its initial state
 - Quit the tool you are using to validate

Ad-hoc

Description

Improvised tests for quickly discovering critical issues, and uncovering ones that may be outside of formalized testing.

Protocol

Attempt to use the tool in various situations, using your imagination and freedom to explore the interface and interactions.

Site
Demo