

# ANGEL Accessibility User Overview

---



ANGEL Learning, Inc.  
6510 Telecom Drive, Suite 400  
Indianapolis, IN 46278

## About This Document

This document provides an overview of ANGEL accessibility features and serves as a roadmap for the user interface for users that may be accessing the site with screen reader software.

## Accessibility Menu

ANGEL includes an accessibility menu that allows users to create accessibility profiles which allows the user to configure the system to better meet his or her needs and preferences. Once activated, the profile choice is stored in a cookie so that the setting will persist even after the user logs out of the system.



### 1. Active Profile

If an accessibility profile is currently active it will be noted here. Additionally, a link labeled “Restore system defaults” will also appear. Clicking this link will deactivate the active profile and restore to the sites default settings.

### 2. My Profiles

Any user can create one or more custom accessibility profiles. For example a user may have very low vision and prefer to access sites using screen readers, but also want a profile for when such software is not available.

### 3. Standard Profiles

Your school may create custom profiles and make them publicly available even to guest users of the site. If so, these profiles will appear in this section. While standard profiles can be used by anyone, they can only be created and edited by system administrators.

### 4. Create a Profile

From here one can create a new custom accessibility profile. Simply enter a profile name in the provided text box, click the submit button and answer the questions in the wizard pages that follow.

## 5. Upload a Profile

The accessibility profile tool is based on the IMS ACCLIP accessibility specification. If you have an existing ACCLIP profile document you can use your existing file to create a new ANGEL accessibility profile. To do so, simply enter a profile name, browse for the ACCLIP file on your local computer and click the Submit button.

## PDA Mode

ANGEL also includes a PDA mode. While this mode is designed primarily for users of low-end devices such as PDAs and smartphones, this feature can also be useful for screen reader navigation. It should be noted that an even greater level of control is available by configuring an accessibility profile using the Accessibility Menu. However, the PDA mode can provide many of the same benefits without the initial user configuration. These benefits include:

- Less use of frames in favor of inline menus
- Conversion of portal page to lightweight sub menu pages
- Less use of graphics

## User Interface

This section describes the user interface of the ANGEL learning management system. ANGEL uses a top-level interface page with many navigational elements and two IFRAME elements. One of these frames is used for guide menus and the other is used to deliver the primary content pages. Each of the primary areas of the user interface is described below.

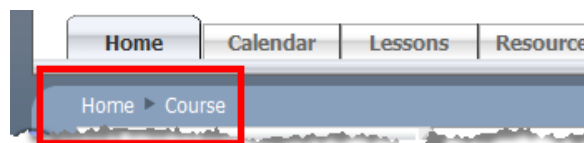
### Tab Links

The tabs section contains links to top-level navigation for the content within a course or a group.



### Breadcrumb Links

The breadcrumbs section provides a list of links to pages that you have visited. The pages themselves are display within the main content window. The last link in this list refers to the page you most recently visited. While this is a historical list of pages you have visited, special logic is included to prevent the list from becoming unmanageable. The most notable rule is that when you navigate from one tab (major content area) within a course to another any breadcrumb links associated with the previous content area will be removed.



## Identity Bubble Links

This section contains a list of the courses, groups and repositories in which you are enrolled. Selecting any of these items will replace the base page with the interface page for the selected course, group or repository.



## Global Navigation Links

The global navigation section contains links to core navigational elements for the entire site. These links include:



- Home – This is a link back to your personal start page or the public logon page if not authenticated. This links reloads the entire interface page in addition to updating the contents of the main content window.
- Help – This is a link to the Help system which opens in a new window.
- Logon – This link will only appear if you are not logged on to the system. Clicking it will load the logon page in the main content window.
- Logout – This link will only appear if you are logged on to the system. Clicking this link will cause a javascript confirmation box to be displayed. Selecting OK will log you out and return you to the interface in a logged out state.
- ePortfolio – This link will only appear if your institution has licensed the ANGEL ePortfolio. Selecting this link replaces the base page with the ePortfolio interface.
- Learning Object Repository – This link will only show up if your institution has granted you access to the Learning Object Repository. Clicking this link will replace the base page with the interface page for your personal repository.
- Preferences – This link allows you to access your personal settings options. The page loads in the main content window.
- ANGEL Instant Messenger – This link invokes the ANGEL instant messenger in a new popup window. Please note that the ANGEL Instant Messenger is difficult to navigate using a screen reader.

## Display Menu Links

The display menu section contains links to tools that allow you to adjust core presentation elements of the ANGEL interface. These links include:



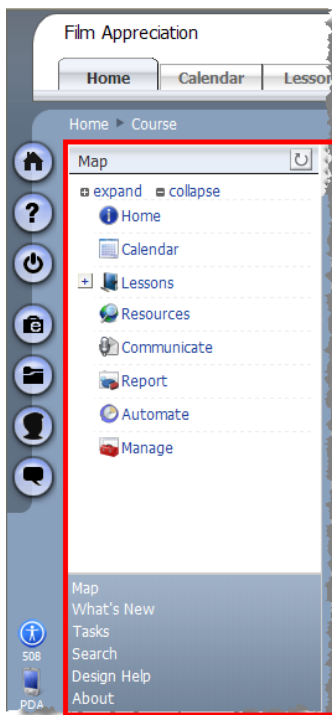
- 508 – This link replaces the base interface page with the accessibility menu page. From here you can select from a pre-configured accessibility profile or create your own if you are logged into the system.
- PDA – This link activates PDA mode. PDA mode attempts to streamline interface pages for use on small screens or low bandwidth devices. This mode uses fewer graphics and frames. It also converts portal pages into sub-menu pages so that each such page contains far less text. This makes pages easier to navigate when using a screen reader or PDA and reduces the size of each page for better performance on low speed connections.

## Guide Window

The guide window is an IFRAME used by navigation tools inside of a course, group or repository. Nearly all of the links that appear within these navigation tools target the main content window. Standard navigation tools include.

## Guide Links

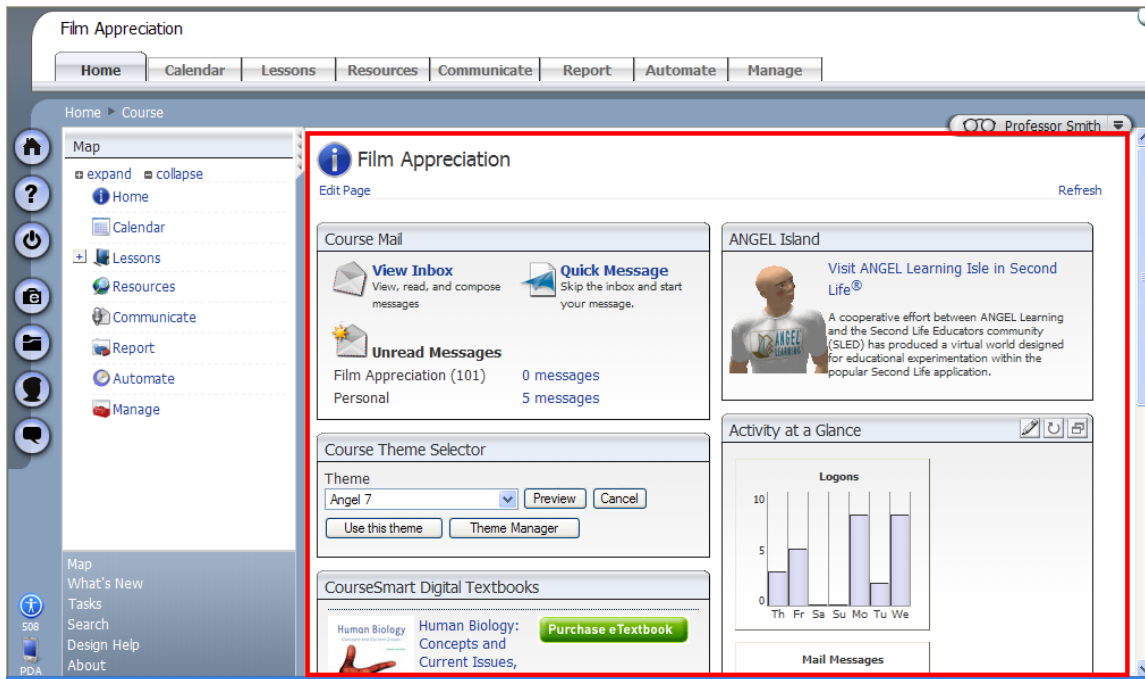
The guide links section provides a list of navigation tools which can be loaded into the guide window. All of these links target the guide window. Standard navigation tools include.



- Map – This tool provides an expandable and collapsible table of contents of the course content including the same top-level navigation choices found in the tabs section.
- What's New – This tool provides a list of items that have been added or updated since a given date.
- Tasks – This tool provides a list of items that require some attention. For students this is a centralized list of milestone and other items that need to be completed. For instructors this list also provides a centralized listing of all ungraded submissions.
- Search – The search tool provides an interface for searching for particular course content items based on a keyword or advanced meta-data.
- Design Help – This tool is only available to instructors and provides tips for designing course materials.
- About – This tool provides information about the ANGEL version you are using. This tool loads in the guide window itself.

## Main Content Window

The main content window is an IFRAME in which all of the core content is displayed. Nearly all links are targeted for display in this window.



## Known Accessibility Issues

- There is a known issue with selecting recipients within the course mail compose tool. This is currently being reviewed for inclusion in a future maintenance release.