Core Functions: Using the Adaptive Book™

It is important to understand, unlike an eTextbook, that the AdaptiveBook™ platform can be used by the author, editor, and production as well as by instructors and students. The native functions far exceed what is available in Adobe or Microsoft products. The AdaptiveBook™ is a full XML (Microsoft .Net and C#) solution, one of the first eLearning solutions to use Microsoft’s .Net. The basic user functions, discussed below in detail.

**MARKUP COLLECTIONS**

A Markup is a collection of markup objects stored as a *session* or *edition*. Highlights, Hyperlinks and Annotations are all classified as markup objects. A *collection* can contain any combination of markup objects. Markup objects are stored with their XML tags and are managed within the collection. As such they can be reused in all ways allowed by the collection. The collection can be saved on users’ PC’s as learning objects for private use. It can also be published or shared via email, file transfer, or placed in a repository on a networked resource. Networked resources can be web-based servers or on a wired or wireless LAN.

**ANNOTATING**

Text pages can be annotated by placing an annotation-object icon next to a text passage. Users click on the icon to open the annotation for editing and viewing.

**HYPERLINKS**

Mark normal text as Hyperlinks to quickly connect to local or networked resources, websites and/or Internet addresses. Resources can be simple non-interactive pages viewable with a web browser or more complex interactive documents and programs. Such as graphics files, text documents, informational websites, PowerPoint presentations, tutorials, assessments, and others.

**BOOKMARKING**

A bookmark tool, which take users directly to bookmarked pages can be enabled or disabled on every page in the AdaptiveBook.

**PAGE NOTE-TAKING**

A separate note-taking function exists for every page in the book. By clicking on the Note icon, a space opens up at the bottom of the AdaptiveBook frame for adding user notes associated with each page. These can be shared in the same way that a markup is shared.

**DIGITAL REVIEW SHEETS**

Digital Review Sheets (DRS) are unique AdaptiveBook documents. DRS’s are created by end users and/or publishers, by simply dragging and dropping existing or user-edited text and saving for later review.