Integrating READynamic into your local server eBook environment

Customers can integrate READynamic with their existing eBook platforms by placing calls to the READynamic APIs. Customers can use cURL commands from a command line, or Javascript or AJAX statements from a browser window.

Client for URLs, or cURL, is a command line tool used for transferring files between various Internet protocols, and using the URL syntax. You can use cURL statements with any interface that can issue GET and POST requests, such as Postman.

AJAX, or Asynchronous JavaScript and XML, allows web applications to send data to and receive data from a web server in the background, without affecting the behavior of a web page.

The server will respond to the API call with JSON code. JavaScript Object Notation is an open standard file format that relies on easily readable English text, and it is used as an alternative to XML.

READynamic issues an authentication token for each user who sets up an account to use the software. Any API that requires authentication must be able to access this user token. After a customer sets up an account, READynamic will add that customer's token to a cookie on the customer's machine, so that the browser will be able to find it later.

When you issue an API call for READynamic, you will need an authentication token to access any eBook file that has restricted access, or that is provided on a page that requires a customer sign-on. For those eBook texts that are provided for public access, such as titles in the public domain because the copyright has expired, a token is not needed.

The first API call you will need to make with READynamic is the Login API. That will create and return your authentication token, a unique code assigned to you as user. After you have your token, READynamic will check it every time you attempt to sign on.

These are the most commonly used APIs:

1. Login
2. Sign Up
3. Getting the Catalog
4. Uploading a Book
5. Reading a Book
6. Updating a Book's Metadata
7. Searching on Book Metadata
8. Granting a User Access to a Restricted Book
9. Resetting an Account's Device Limit

A full list of the available READynamic APIs is available at http://readynamic.datalogics.com/apidoc.

Detailed READynamic API examples can be found at our developer website here: https://dev.datalogics.com/readynamic/.