The problem

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Step 1 – System status

http://status.exlibrisgroup.com/

https://status.exlibrisgroup.com/?page_id=5511

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Step 2 – Access the API

```php
function getStatus($url, $envs) {
    global $use_cached_data, $curlopt_ssl_verifypeer;
    if ($use Cached_data == true) {
        $result = checkCache($url.$envs);
    } else {
        $result = false;
    }
    if (!$result) {
        $data = "act=get_status&client=xml&envs=".$envs;
        $ch = curl_init($url);
        curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
        curl_setopt($ch, CURLOPT_HTTPHEADER, array('Content-Type: application/x-www-form-urlencoded'));
        curl_setopt($ch, CURLOPT_POST, true);
        curl_setopt($ch, CURLOPT_POSTFIELDS, $data);
        curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, $curlopt_ssl_verifypeer);
        $result = curl_exec($ch);
        curl_close($ch);
        if (!$result) {
            $result = getCache($url.$envs);
        } else {
            createCache($url.$envs,$result);
        }
    }
    return $result;
}
```
Step 3 – Parse the results

$status = simplexml_load_string(getStatus($url,$envs));

foreach($status->instance as $i) {
    if ($i->attributes()->service == "Alma") {
        $status_A = (array)($i->attributes()->status);
        $note_A = preg_replace('/\s/',' ',(string)($i->schedule));
    }
    if ($i->attributes()->service == "Primo") {
        $status_P = (array)($i->attributes()->status);
        $note_P = preg_replace('/\s/',' ',(string)($i->schedule));
    }
}

$status_A = $status_A[0];
$status_P = $status_P[0];

$pattern = '/([\d*-\w{3}-\d{4} UTC \d*:\d{2}])\s+([^\s\d:,:-.\s]+)/';
if (preg_match($pattern,$note_A,$match_A)) {
    $note_A = explode('UTC', $match_A[2]);
    $note_A = $note_A[count($note_A)-1] . ' ' . $match_A[1] . ' ' . $note_A;
    $note_A = strip_tags($note_A);
    $note_A = preg_replace('/[^a-zA-Z0-9:.,-/]/',' ',$note_A);
}

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Step 4 – .js.php

```php
status_A = '<? echo $status_A; ?>';
note_A = '<? echo $note_A; ?>';
status_P = '<? echo $status_P; ?>';
note_P = '<? echo $note_P; ?>';

if (status_A == "PERF" || status_A == "ERROR" || status_A == "MAINT") {
    theAlert = theAlert + 'Automated note: <strong>' + '<? echo $readable_status[$status_A]; ?>’ + '</strong>;
    if (status_A == "MAINT") {
        theAlert = theAlert + ' in progress';
    } else {
        theAlert = theAlert + ' detected';
    }
    theAlert = theAlert + '. Some functions (eg requests, renewals, availability statuses, and/or links to full-text) may be ';
    if (status_A == "PERF") {
        theAlert = theAlert + 'slow';
    } else {
        theAlert = theAlert + 'temporarily unavailable';
    }
}

if (status_P == "PERF" || status_P == "ERROR" || status_P == "MAINT") {
    theAlert = theAlert + 'Automated note: <strong>' + '<? echo $readable_status[$status_P]; ?>’ + '</strong>;
    if (status_P == "MAINT") {
        theAlert = theAlert + ' in progress';
    } else {
```

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Step 5 – DOM

```javascript
function warningNote(warningText) {
    var warningPlace = document.getElementsByTagName("prm-search-bar")[0];
    var warningNote = document.createElement("div");
    warningNote.id = "warningNote";
    warningNote.className = "bar alert-bar layout-align-center-center layout-row";
    warningNote.innerHTML = warningText;
    warningPlace.parentNode.insertBefore(warningNote, warningPlace.nextSibling);
}
```
Step 6 – Angular JS

(function () {
    "use strict";
    'use strict';
    var app = angular.module('viewCustom', ['angularLoad']);

    /* Begin prmMainMenuAfter */
    app.component('prmMainMenuAfter', {
        bindings: { parentCtrl: '<' },
        controller: function($scope) {
            /* Add in Warning Note script */
            setTimeout(function() {
                var y = document.getElementsByTagName("script")[0];
                var z = document.createElement("script");
                z.type = "text/javascript";
                z.async = true;
                z.src = "https://yourdomain.edu/path/to/warningnote/warningnote.js.php"; // your url here!
                y.parentNode.insertBefore(z, y);
            }, 3000); // add note 3 seconds after main menu loads - modify to suit your environment

            /* End Warning Note */
        }
    });
    /* End prmMainMenuAfter */
Nau mai, tauti mai – Welcome!

LibrarySearch | Quick Links

Service disruption detected. Some functions (especially search-related) may be temporarily unavailable.

Find books, articles, theses, videos, & more... Search

Advanced Search | Browse Search | Databases
<?php
$alma = ""; // eg "Alma AP01"
$primo = ""; // eg "Primo MT APAC01"
$use_cached_data = true;
$cache_folder = 'cache/';
$cache_seconds = 1 * 60;
$manual_note = "warningnote.txt";
$curlopt_ssl_verifypeer = true;

$readable_status = array(
    'OK' => 'Operating normally',
    'PERF' => 'Performance issues',
    'ERROR' => 'Service disruption',
    'MAINT' => 'Scheduled maintenance',
    'SERVICE' => 'Operating normally but note: ',
);

$auto_apology = "Full service will be restored as soon as possible. In the meantime you may wish to search directly through our databases. We apologise for the inconvenience."; // remember to escape any double-quotes eg \"
?>

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Are all files present?

- cache.php: present and accounted for.
- config.php: present and accounted for.
- status.php: present and accounted for.
- warningnote.js.php: present and accounted for.

Is your configuration correct?

Check these settings and make any edits necessary in config.php.

- Your Alma instance is recorded as: Alma AP01
- Your Primo instance is not defined.
- You are not using the caching functionality. It's recommended to change $use_cached_data to true to avoid overloading the API, especially if your site is heavily used.
- You can add a manual note to the file: warningnote.txt. Currently this file contains the text: "This is a test manual note. Usually you'll want a blank file."
- Automated statuses will be described as: "Performance issues", "Service disruption", or "Scheduled maintenance" (with some elaboration per warningnote.js.php).
- Automated warnings will conclude with: "Full service will be restored as soon as possible. In the meantime you may wish to search directly through our databases. We apologise for the inconvenience."

Can you communicate with other websites?

- You can post data to other websites (or at least to https://httpbin.org/post) and receive the response.

Is caching working?

-
Code: https://github.com/LincolnUniLTL/warningnote