



STW API Library Code v2.1.3 (08/21/2017)

Modified: *distributed_api_security.php*, *stw_example_code.php*, & *stw_notify.php*

- v2.1.3: Added cURL options to avoid SSL errors on some servers and browsers
- v2.1.2: Added the ability to pass in a custom filename (`$sFilename`) to the thumbnail functions
- v2.1.2: Added detection of cache folder write failure and output an error message
- v2.1.2: Added permission checking on cache folder. No longer overrides less secure permissions
- v2.1.1: Added several examples for loading screenshots dynamically (pure javascript, AJAX, etc)
- v2.1.1: Updated README with missing documentation on files in the library
- v2.1.1: Added support for tokenized scheme (HTTP vs HTTPS) on embedded requests via API Library
- v2.1.0: Modified parameter names on callback return API request (to "key" & "secret")
- v2.1.0: Reduced error condition caching (prevents further new requests) from 6 hours to 10 minutes
- v2.1.0: Fixed minor issue of formatting when building request queries using `http_build_query()`
- v2.1.0: Updated sample request to remove deprecated options and use intuitive API v2 options
 - NOTE:** This invalidates hashes on existing cached images, but was necessary for "Best Practice"
 - NOTE:** We suggest clearing cached thumbnails to let them re-create with new hashes
- v2.1.0: Put back sample request section w/ updated help text/warnings (missing since early v2.0.9!)
- v2.1.0: Refactored some logic in `stw_notify.php` to be more intuitive when calling `_generateHash()`
- v2.1.0: Refactored `_generateHash()` function to be more intuitive (some rare bug fixes too)
- v2.1.0: Refactored `_generateRequestArgs()` function to be more intuitive (some rare bug fixes too)
- v2.1.0: Refactored much of the sample code to remove unnecessary `_generateOptions()` function

STW API Library v2.0.9 (01/19/2017)

- v2.0.9: Added support for `EmailFetch_Remaining` service responses (i.e. Email-based renders)
- v2.0.9: Modified sample "notify" and "example code" scripts to ensure consistent filename HASHes
 - Made sure to make these functions backwards compatible with all legacy integrations
- v2.0.9: Separated the example request from API Library into `test-request.php` file
 - Helps to avoid notify callback errors (i.e. outputting example data FROM WITHIN the library)
- v2.0.9: Added a note about most web servers not passing `hash(#)` when included in a notify TOKEN
- v2.0.9: Added support for custom Notify Callback data (for passing `listingID`, etc back on notification)

STW API Library v2.0.8 (08/27/2016) v2.0.7 (02/22/2016) & v2.0.6 (02/21/2016)

- v2.0.8: Added sample code for jQuery Ajax dynamic updating & checking status once per second
 - Example of a tight integration that avoids excessive API polling but dynamically updates quickly
- v2.0.8: BUG FIX: Wrong variable in legacy XML support (everyone has SimpleXML but fixed anyway)
- v2.0.8: Added a check to prevent sending notify callback trigger on embedded requests
- v2.0.8: Modified notify `origurl` assignment is now `urlencode()` since STW now sends it `urlencoded!`
- v2.0.8: Incorrect hash calc when "full", due to checking wrong variable for backward compatibility
- v2.0.8: BUG FIX: Typo caused incorrect Notify URL to be sent when `NOTIFYNOPUSH` was enabled
- v2.0.8: Modified the `_getXMLResponse()` function to include the following values in the return
 - `stw_action` - returned as "action" (good to check for "noexist", "queued", or "delivered")
 - `stw_response_status` - returned as "responsestatus" (good to check for "Success" or log errors)
 - `stw_response_code` - returned as "responsecode" (good to check or log response code/errors)
 - `stw_last_captured` - returned as "capturedon" (good to compare or log capture timestamp)



- Passing these values was helpful in building a more robust integration, so carrying it forward
- v2.0.8: Modified the stw_notify.php arguments as follows:
 - Removed legacy support for stwsize conversion (to coincide with _generateHash() change)
 - Made stwymax conditional on stwfull for backward compatibility**NOTE:** This invalidates hashes on existing cached images, but was necessary for "Best Practice"
- v2.0.8: Modified _generateHash() function to remove the following:
 - stwinside - Should never have been part of the hash calc, because URL is unique
 - stwsize - Should never have been part of the hash calc, because it is not a proper identifier. The stwxmax and stwymax parameters distinguish well enough**NOTE:** We suggest clearing cached thumbnails to let them re-create with new hashes
- v2.0.8: Added support for automated Notify Callback with notifyNoPush option
- v2.0.8: Added support for stwredo=2 (saves bandwidth when you don't need the cached version)
- v2.0.7: Added support for URL-to-PDF (1 to download, 2 to prompt user, 3 to display in browser)
- v2.0.7: BUG FIX: Minor issue with retention timing and removed check for unused variable
- v2.0.7: BUG FIX: Set screenshot folder permissions to 0755 (from 0777)
- v2.0.6: Added a check before XML loading to be sure it is valid (avoid FATAL PHP ERROR)

STW API Library v2.0.5 (12/05/2013) v2.0.4 (08/22/2012) & v2.0.3 (03/20/2012)

- v2.0.5: Removed passing "cookies" via cURL (very large cookies would cause errors)
- v2.0.5: Updated method of parsing the XML data
- v2.0.5: Updated _checkWebsiteThumbnailCaptured() to report specific problem responses
- v2.0.5: Added: Note about permissions on thumbnail folder
- v2.0.5: BUG FIX: Service unintentionally blocked in certain cases due to XML handling issue
- v2.0.5: BUG FIX: Updated XML parsing to properly return thumbnail (caching locally was broken since last release!)
- v2.0.4: Removed PVP Support and replaced with standard request method for free accounts
- Added (04/20/2012): Check no response ("Offline") in Account API code (getAccountInfo function)
 - Also updated the check in sample code (_checkWebsiteThumbnailCaptured function)
- Added (04/17/2012): support for "Offline for Maintenance" in stw_account_api.php
- BUG FIX (04/16/2012): override of default settings (use "0" for numeric & "false" for boolean)
- BUG FIX (04/16/2012): unnecessary call of _generateOptions in _getThumbnail function
- Added (04/11/2012): refreshThumbnail function (deletes existing cached image first)
- Updated (04/11/2012): getThumbnail functions support optional "auto link" parameter
- Modified error image handling from using "embed" requests to support XML response error paths
- Added function to delete cached thumbnails easily
- Optimized code for generating request arguments and options in consolidated functions
- Fixed oversight that put &stwu (secret key) on embedded requests, which will be blocked eventually

STW API Library v2.0.2 (03/15/2012)

- Minor tweaks to simplify and optimize legacy XML response functions
- Addition of stw_account_api.php sample code for retrieving account permissions for an account

STW API Library v2.0.1 (03/13/2012)



- Change to output of pagepix.js to append ? plus a timestamp (necessary to prevent browser caching of the pagepix.js, which changes every minute). Caching pagepix.js will cause intermittent "Account Problem" errors, for users, that will be difficult to troubleshoot.

STW API Library v2.0.0 (03/11/2012)

This version of the STW sample code supports the following:

- Incorporates all "Best Practices" written in "STW Testing Guide" as of March 26, 2012
- Support for FREE (PVP) method, Embedded, and Advanced Method API
- Support for all PRO features offered as of 03/07/2012
- Support for SimpleXML to easily check for XML response values
- Legacy support for users w/o SimpleXML
- Support for error handling, pulling direct error images using embedded method
 - Over-the-limit error images will be cached for 6 hours.
 - If you upgrade, be sure to delete quota.jpg, bandwidth.jpg, & no_response.jpg from cache!!
- Support for database logging of requests made (optional; requires DB setup)