



STW API Library Code v2.1.2 (06/27/2017)

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

- v2.1.2: Set API URLs to HTTPS (avoid issues with servers that won't follow redirects to SSL endpoints)
- 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 `urldecode()` 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 `stwsizes` 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 stwymax 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)