Ken Granderson

From:	Ken Granderson <ken@blackfacts.com>
Sent:	Saturday, July 17, 2021 7:31 PM
To:	api@scalablepress.com
Cc:	'Ken Granderson'
Subject:	API Questions

Hi,

I am working on calling the ScalablePress APIs for a module in my platform that will enable end-users to create and order shirts from our catalog of designs.

I have been starting off with the Design API and have questions, as I am having inconsistent results, with not enough detail to be certain where the failures are occurring.

As I am using the test API key, I am guessing that a couple of things that initially surprised me might be due to using the Test API Key, specifically:

1. I don't see Designs that were successfully created when logged in to https://scalablepress.com/manager/v2/designs
2. I DO see artwork uploaded in the design definitions at https://scalablepress.com/manager/v2/designs/artworks but they are all 'unnamed' despite including a name for the design.

Is this because I am using a Test API Key?

I was initially using the same image in each test of creating a Design, and quickly concluded that uploaded images are not duplicated (I presume you are doing something like using an MD5 hash as a key), but I seems that sometimes posting a new design definition with the same image might be triggering an error that has no explanation, so I was wondering if there is some throttling going on, whether images should not be reused across designs, and so on.

I moved on to using different images each time, but am still getting inconsistent results, i.e. failures followed by successes, with nothing changing but the image.

Examples:

Here's a Fiddler screen of a failure, with a null error message.

Progress Telerik Fiddler Web Debugger

File Edit Rules Tools View Help

WinConfig | Replay X ▾ ▶ Go | Stream Decode | Keep: All sessions ▾ ⊕ Any Process Find Save | ⏱ Browse ▾ Clear Cache T T

#	Result	Protocol	Host	URL	Body	Caching
27	200	HTTPS	api.scalablepress....	/v2/design	1,054	
⚠ 2280	400	HTTPS	api.scalablepress....	/v2/design	160	
⚠ 2370	400	HTTPS	api.scalablepress....	/v2/design	160	
2640	200	HTTPS	api.scalablepress....	/v2/design	1,063	
2729	200	HTTPS	api.scalablepress....	/v2/design	1,053	
2732	200	HTTPS	api.scalablepress....	/v2/design	1,053	
⚠ 2738	400	HTTPS	api.scalablepress....	/v2/design	160	
2740	200	HTTPS	api.scalablepress....	/v2/design	1,054	
⚠ 2742	400	HTTPS	api.scalablepress....	/v2/design	160	
⚠ 2744	400	HTTPS	api.scalablepress....	/v2/design	160	
⚠ 2746	400	HTTPS	api.scalablepress....	/v2/design	160	
2748	200	HTTPS	api.scalablepress....	/v2/design	1,056	

FO Fiddler Orchestra Beta   FiddlerScript   Log

Get Started   Statistics   Inspectors   Auto

Headers TextView SyntaxView WebForms HexView Auth

XML

QueryString

Name	Value

Content-Type: multipart/form-data is not yet fully supported.

Name	Value
Content-Disposition: form-data; name="name"	Design created
Content-Disposition: form-data; name="type"	dtg
Content-Disposition: form-data; name="sides[front][artwork]"; filename="cruz.png" Content-Type: application/octet-stream	<file>
Content-Disposition: form-data; name="sides[front][aspect]"	1
Content-Disposition: form-data; name="sides[front][resize]"	true
Content-Disposition: form-data; name="sides[front][dimensions][width]"	11
Content-Disposition: form-data; name="sides[front][position][horizontal]"	C
Content-Disposition: form-data;	2.5

Transformer Headers TextView SyntaxView ImageView H

Caching Cookies Raw JSON XML

```
HTTP/1.1 400 Bad Request
Access-Control-Allow-Origin: https://scalablepress.c
Content-Type: application/json; charset=utf-8
Date: Sat, 17 Jul 2021 21:28:05 GMT
ETag: W/"a0-JvVq1g63Oao7CXjaHVXmiVn/YE8"
Server: nginx/1.12.2
Vary: Origin
Content-Length: 160
Connection: keep-alive

{
    "statusCode": 400,
    "issues": [
        {
            "code": "bad_value",
            "path": "sides[front][artwork]",
            "message": [
                null
            ]
        }
    ]
}
```

Find... (press Ctrl+Enter to highlight all)

[QuickExec] ALT+Q > type HELP to learn more

All Processes   1 / 12   https://api.scalablepress.com/v2/design

Ran it again 23 seconds later, with a different image, and all is well.

Also, the Design Response contains some fields not documented in the API docs, including Approvals for design sides. If you can tell me all of the possible values for order and artwork statuses, I can add an enumerated constant to my API client.

BTW, I am building this in C# and created a GitHub project for it that I am happy to share once it is closer to complete. kengranderson/scalablepress-sdk-dotnet: .Net SDK for Scalable Press API (github.com)

- Ken

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