QA rig

The QA rig is a tool for debugging formats and sdk. Like all pages on test.yieldmo.com, it may go down at any time. It should **not** be shared with outside users (eg. for external mocks or sales demos). However, the parameters it generates can be used for demos.

Uses:
- Testing an unreleased format or sdk
- Forcing a placement onto a page
- Testing a change in ad server response
  - An alternative to Charles

How to use

1. Go to qa.yieldmo.com on a mobile device or emulator
2. Select overrides from the drop down menu. The Environment selection controls which test page loads, other options affect the endpoints for the sdk, ad server, format, etc.

This will produce a url that looks like this:

http://qa.yieldmo.com?ym_force_p=1327595186681133680&ym_force_pname=Postcard%20-%20anim%20off&ym_force_f=//test.yieldmo.com/qa/js/templates/FS-2403-switch-2-urls&ym_force_s=//test.yieldmo.com/ts-sdk/qa/v9.1.2&ym_force_a=//ads-stg.yieldmo.com&ym_force_l=4

Everything after the question mark is a query parameter that affects sdk behavior. All of these parameters also work on any publisher page. For example, to use the above mapping on The Street:

https://www.thestreet.com/?ym_force_p=1327595186681133680&ym_force_pname=Postcard%20-%20anim%20off&ym_force_f=//test.yieldmo.com/qa/js/templates/FS-2403-switch-2-urls&ym_force_s=//test.yieldmo.com/ts-sdk/qa/v9.1.2&ym_force_a=//ads-stg.yieldmo.com&ym_force_l=4

3. To add an ad response, click "add fake a response" to add it.
4. Return to test.yieldmo.com/ts-qa-rig/index.html and select the ad response under Ad server. The response from the fake ad server changes to include the placement id in the request, so ym_force_p is not necessary

Parameters

ym_force_a	Endpoint for the ad server
ym_force_cr	Given a creative id that is bid against a placement, the ad server will force it to serve 100% of the time
ym_force_f	Endpoint for format (*.handlebars.js). Can also use a //localhost:port to debug locally served files
ym_force_l	Change log level for console messages
ym_force_net2dom	Writes all network requests to the page in a hidden element (used for Automation testing)
ym_force_no_cookies	Skip cookies + request credentials
ym_force_p	Force a placement id for the first placement on the page
ym_force_pname	Purely cosmetic, changes test page title
ym_force_s	Endpoint for sdk (ym.*.js). Can use a //localhost:port to debug locally served files
ym_force_ab	Forces a specific ab test template (handlebars.js file). 'Control' forces production rather than an ab test

Limitations

All impressions with a forced placement id, sdk, or format include the 'fi' flag, which invalidates the impression for reporting.

The url parameters cannot be used on publisher pages where we cannot access the top window. Examples include amp-cdn pages (which strip query parameters), native apps, and some sandboxed iframe pages.

Force placement does not work on pages with a local ad response (window.__ymAds). This includes google exchange placements and AdBuilder. Force placement does not work for DCM.

Some features, including the staging ad server require access to the Yieldmo network or VPN

For licensed formats, you need to select the associated placement id. Most of the time "Licensed Format" is correct.