

HAR Options

Scenario Builder – HAR Options Usage

Appvance Scenario Builder provides some options which can be used in order to get different data or results when the user executes a HAR test scenario. These settings can be set and located in the "Options" panel of the Appvance Scenario Builder.

Below are the different options:

- Connection resets marks the whole Test Case as a failure.
- Mark each request as a step.
- Validate response code against original HAR response code (Otherwise usual status codes will be expected).
- Show headers, requests, and responses in each Test Case execution output.
- Execute all HAR calls (even after a failure).

These options will allow you to establish some parameters settings different from standard Test Cases executing a HAR script. Users may find these options useful depending on what kind of test is being executed. i.e. If the user is testing a website, the user may want to have the default settings (unmarked options) for a HAR test, on the other hand, for a web service the user may find it useful to mark every single request as a step or validate the response code against the original HAR script.

HAR Script Options

- ☒ Connection resets marks whole test case as failure.
- ☒ Mark each request as a step. (Do not use this option for autocorrelation)
- ☒ Validate response code againsts original HAR response code (Otherwise usual status codes will be expected).
- ☒ Show headers, requests and responses in each testcase execution output.
- ☒ Execute all HAR calls (even after a failure).

Connection resets marks the whole Test Case as a failure

This option has to be used carefully depending on the desired results. The name of this option it's self-explanatory, it's used to mark the whole Test Case that's being executed as a failure when the connection resets.

Mark each request as a step

When this option is enabled, every single request retrieved from the HAR test is is being marked as a step-request key set instead of marking every request as a single request.

Also please make sure that this option is not used along with Autocorrelation.

Functional Test	Details
▼ Iteration1	6342
▼ localhost	Working
▼ secure1.store.apple.com1Testcase1 - 1	6342
1) secure1.store.apple.com1	Failure (6342) msec
▶ 1.1) https://secure1.store.apple.com/shop/sign_in?c=aHR0cDovL3d3dy5hcHBsZS5jb20vZDFhb3MyMjAwMjBjMjVjN2RhMGY2Nzk4MDZiYTBlbnZyZjZjZDjiMTY5ZDIz&r=SCDHYHP7CY4H9XK2H&s=aHR0cDovL3d3dy5hcHBsZS5jb20vZDFhb3MyMjAwMjBjMjVjN2RhMGY2Nzk4MDZiYTBlbnZyZjZjZDjiMTY5ZDIz	1709 msec
▼ 1.2) https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs/rel/base.css	49 msec
https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs/rel/base.css	85 bytes
▼ 1.3) https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs/rel/signin.css	7 msec
https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs/rel/signin.css	87 bytes
▼ 1.4) https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/Catalog/regional/amr/css/aos-overrides.css	10 msec
https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/Catalog/regional/amr/css/aos-overrides.css	112 bytes
▼ 1.5) https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/Catalog/US/Images/css/aos-local.css	Failure (9) msec
https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/Catalog/US/Images/css/aos-local.css	8099 bytes
▼ 1.6) https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs-external/rel/us/external.css	6 msec
https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs-external/rel/us/external.css	101 bytes
▼ 1.7) https://www.apple.com/wss/fonts?family=Myriad+Set+Pro&weights=200,300,400,500,600,700&v=2	49 msec
https://www.apple.com/wss/fonts?family=Myriad+Set+Pro&weights=200,300,400,500,600,700&v=2	6530 bytes
▼ 1.8) https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs-external/rel/external.js	Failure (33) msec
https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs-external/rel/external.js	159292 bytes

Validate response code against original HAR response code

When enabled, the response codes received from the text case execution are going to be validated against the original HAR script response codes, otherwise, the usual response code for a request is passed as valid. Appvance Scenario Builder shows the response code for every request at the Test Case Execution tab in the results displays window as follows:

Output	Error	Request & Response	Snapshots
GET: https://store.storeimages.cdn-apple.com/4974/store.apple.com/shop/rs/rel/signin@2x.css Request Header: If-None-Match: "1f09ae-39d8-53fc76d660e80" Request Header: Accept: text/css,*/*;q=0.1 Request Header: Cache-Control: max-age=0 Request Header: User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/54.0.2840.99 Safari/537.36 Request Header: Referer: https://secure1.store.apple.com/shop/sign_in?c=aHR0cDovL3d3dy5hcHBsZS5jb20vZDFhb3MyMjAwMjBjMjVjN2RhMGY2Nzk4MDZiYTBlbnZyZjZjZDjiMTY5ZDIz&r=SCDHYHP7CY4H9XK2H&s=aHR0cDovL3d3dy5hcHBsZS5jb20vZDFhb3MyMjAwMjBjMjVjN2RhMGY2Nzk4MDZiYTBlbnZyZjZjZDjiMTY5ZDIz Request Header: Connection: keep-alive Request Header: If-Modified-Since: Wed, 26 Oct 2016 16:50:50 GMT Request Header: Host: store.storeimages.cdn-apple.com Request Header: Accept-Language: en-US,en;q=0.8 Response Code: HTTP/1.1 200 OK Response Header: Server: Apache/2.2.9 (Ubuntu) DAV/2			

Show headers, requests, and responses in each Test Case execution output.

Meaning that for every request, exists a "parent" step with the same name of the request contained in that step. In the results display you may see these changes, the step has the timing for the request and the step request has the request size.

Execute all HAR calls (even after a failure).

Checking this option will let the HAR script run even if it encounters an error in any step.

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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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