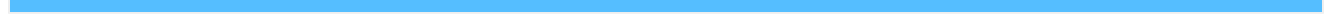




# DataScript: avi.http.response

Avi Technical Reference (v20.1)

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## DataScript

## Function avi.http.response (status, {headers}, body)

**Description** Responds to the HTTP request with a custom HTTP response.

**Events** HTTP\_REQ  
HTTP\_RESP  
LB\_DONE

*status* is used to specify the HTTP status code. See list for supported status codes below.

**Parameter** Optional *headers* are used to specify a table to add headers in the response. The default content-type used is ?text/plain?. Hence if the body is some other mime-type such as ?text/html?, the headers parameter should be used to specify the corresponding content-type.

Optional *body* flag is a string used to specify a custom HTTP response body.

To learn how to insert a graphic in a returned page, see [Returning an Image from a DataScript](#).

**Supported Status Codes**

- 200 HTTP Ok
- 301 Moved Permanently
- 302 Found
- 303 See Other
- 307 Temporary Redirect
- 400 Bad Request
- 401 Unauthorized
- 403 Forbidden
- 404 Not Found
- 405 Method Not Allowed
- 413 Request Entity Too Large
- 414 Request-URI Too Long
- 429 Too Many Requests
- 451 Unavailable For Legal Reasons
- 501 Not Implemented
- 503 Service Unavailable

**Returns** No return value

Prevent shell shock attack and notify the attacker with a friendly message.

### Example

```
local h = avi.http.get_headers()
for k, v in pairs(h) do
  if string.sub(v, 1, 2) == "()" and #v > 2 then
    avi.http.response(404, {content_type="text/html"},
      "Blocking Shellshock Attack!")
  end
end
end
```