



DataScript: avi.http.get_query

Avi Technical Reference (v17.2)

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Function `avi.http.get_query([arg_name | avi.QUERY_TABLE] [, decode])`

Returns the query from the URI, or an individual query value.

Description The highlighted portion of the request is included in the query:
`http://www.avinetworks.com/path1/path2/index.html?a=b&c=d`
 From the example a=b, a is the argument, b is the value

Events HTTP_REQ
 HTTP_RESP

When no parameter is specified, the full query is returned.
 If an *arg_name* is specified, and if that argument is present in the query, then its value is returned.
 When the flag *avi.QUERY_TABLE* is specified, a table is returned with all the arguments.

Parameter

- Arguments in this table are always URI decoded.
- If an argument occurs multiple times within the query, the corresponding value of the key will be a table holding the values of the key.
- If the argument key has no value, the value returned is a Boolean true.
- If the argument is presented with an empty value (`/index.htm?a=&c=d`) then the key will have an empty value.

By default, the query is returned as URI encoded. For instance, `%2F` rather than `/?`. The *decode* parameter will URI decode the returned value.

Returns

A string for the returned query, an individual argument and value, or a table holding all arguments and values where the argument names are the keys.

Example 1

```
if avi.http.get_query("intro", "true") == "hello%20world" then
  avi.http.add_header("intro", "true")
end
```

Return all URI query arguments to the client via local response page.

Example 2

```
local qa = avi.http.get_query(avi.QUERY_TABLE)
local resp = ""
for k, v in pairs(qa) do
  if type(v) == table then
    resp = resp .. k .. ":" .. table.concat(v, ",") .. ", "
  else
    resp = resp .. k .. ":" .. tostring(v) .. ", "
    -- when v is bool tostring() converts to string
  end
end
avi.http.response(200, {}, resp)
```

For request: `https://demo.avinetworks.com/path1/index.html?a=b&c=&d=e`
 The following is returned: a:b, d:e, c,;