

Inner Space - Using GetURL/PostURL commands and the isxGames_onHTTPResponse event

The following script will showcase what is possible using the GetURL and PostURL commands along with the isxGames_onHTTPResponse event:

```
atom onHTTPResponse(int Size, string URL, string IPAddress, int ResponseCode, float TransferTime, string ResponseText, string ParsedBody)
{
    variable string Status = "???" ;; TODO: Add short "text" Status for all Response Codes, if desired/needed.
    if (${ResponseCode.Equal[200]})
        Status:Set["OK"]
    else
        Status:Set[${ResponseCode}]

    echo "[HTTPS-Test] onHTTPResponse(${Status})"
    echo "[HTTPS-Test] - Size: ${Size}"
    echo "[HTTPS-Test] - URL: ${URL}"
    echo "[HTTPS-Test] - IPAddress: ${IPAddress}"
    echo "[HTTPS-Test] - TransferTime: ${TransferTime}"
    echo "[HTTPS-Test] - ResponseText: '${ResponseText}'"
    echo "[HTTPS-Test] -----"
}

function main()
{
    ;; Initialization
    variable uint FrameCounter = 0
    Event[isxGames_onHTTPResponse]:AttachAtom[onHTTPResponse]

    ;; Work
    echo "[HTTPS-Test] Testing GetURL with 'https://www.isxgames.com/test/get.php?name=Amadeus&project=isxGames'"
    GetURL "http://www.isxgames.com/test/get.php?name=Amadeus&project=isxGames"

    echo "[HTTPS-Test] Testing PostURL with 'https://www.isxgames.com/test/post.php' 'name=Amadeus&project=isxGames'"
    PostURL "http://www.isxgames.com/test/post.php" "name=Amadeus&project=isxGames"

    ;; Finished
    do
    {
        waitframe
        ;echo ${FrameCounter}
    }
    while ((${FrameCounter:Inc} < 80) && (${ISXEVE(exists)} || ${ISXEQ2(exists)}))
}

function atexit()
{
    Event[isxGames_onHTTPResponse]:DetachAtom[onHTTPResponse]
    echo "[HTTPS-Test] Script Ended\n\r\n\r"
    return
}
```

Running this script will output to the console something similar to:

```
[HTTPS-Test] Testing GetURL with 'https://www.isxgames.com/test/get.php?name=Amadeus&project=isxGames'
[HTTPS-Test] Testing PostURL with 'https://www.isxgames.com/test/post.php' 'name=Amadeus&project=isxGames'
[HTTPS-Test] onHTTPResponse(OK)
[HTTPS-Test] - Size: 76
[HTTPS-Test] - URL: http://www.isxgames.com/test/get.php?name=Amadeus&project=isxGames
[HTTPS-Test] - IPAddress: 99.99.99.99
[HTTPS-Test] - TransferTime: 0.070000
[HTTPS-Test] - ResponseText: 'GET data received as follows: name = Amadeus || project = isxGames'
[HTTPS-Test] -----
[HTTPS-Test] onHTTPResponse(OK)
[HTTPS-Test] - Size: 77
```

[HTTPS-Test] - URL: <http://www.isxgames.com/test/post.php>
[HTTPS-Test] - IPAddress: 99.99.99.99
[HTTPS-Test] - TransferTime: 0.210000
[HTTPS-Test] - ResponseText: 'POST data received as follows: name = Amadeus || project = isxGames'
[HTTPS-Test] -----
[HTTPS-Test] Script Ended

Files

HTTPS-Test.iss	1.46 KB	2023-05-19	Amadeus
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