


```
^%ISCLOG("Data",3)=$lb(2,"CSPServer","[UpdateURL] Found cls: Form.REST.Main nocharset
convert: charset=UTF-8 convert charset=UTF8", "4664", "FORMS", "2017-06-07 10:49:21.342
", "%CSP.Request.1", "124", "L3DfNILTaE")
^%ISCLOG("Data",4)=$lb(2,"CSPServer","[HTML] Determined request type", "4664", "FORMS",
"2017-06-07 10:49:21.342", "%SYS.cspServer2", "124", "L3DfNILTaE")
^%ISCLOG("Data",4,0)=$lb("usesession",1,"i%Class", "Form.REST.Main", "i%Service", "REST"
, "NOLOCKITEM", "", "i%GatewayError", "")
^%ISCLOG("Data",5)=$lb(2,"CSPSession","[%LoadData] Loading CSP session, nosave=0", "46
64", "FORMS", "2017-06-07 10:49:21.342", "%CSP.Session.1", "", "L3DfNILTaE")
^%ISCLOG("Data",5,0)=$lb(900,,0,5567742244,$c(149)_"Û"_$c(3)_"ó»à"_$c(127)_"½"_$c(14
9,10)_"\"_$c(18)_"v"_$c(128,135)_"3Vô"_$c(11)_"*"_$c(154)_"PİG¥"_$c(140,157,145,10,13
1)_"*"_,2,"FORMS", "001000000000L3DfNILTaElcDBJNjyQdyLwKq4wCXP82ld8gic", ,0,"ru", "L3DfNI
LTaE",2,1,"/forms/", $lb("UnknownUser", "%All,%Developer", "%All,%Developer", 64,-5590387
37), "", "", "", "2017-06-07 10:48:51", "2017-06-07 10:49:04", "Basic ZGV2OjEyMw==", "Mozill
a/5.0 (Windows NT 10.0; WOW64; rv:53.0) Gecko/20100101 Firefox/53.0", "", "", 0, "/forms/
", "", "", "", 4, "", "", "", "", "http://localhost:57772/formsui/index.html")
^%ISCLOG("Data",6)=$lb(2,"CSPServer","[CSPDispatch]Requested GET /forms/form/info", "4
664", "FORMS", "2017-06-07 10:49:21.342", "%SYS.cspServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",7)=$lb(2,"CSPServer","[CSPDispatch] ** Start processing request newSe
s=0", "4664", "FORMS", "2017-06-07 10:49:21.342", "%SYS.cspServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",7,0)="/forms/form/info"
^%ISCLOG("Data",8)=$lb(2,"CSPServer","[CSPDispatch] Service type is REST has-soapacti
on=0 nosave=0", "4664", "FORMS", "2017-06-07 10:49:21.342", "%SYS.cspServer", "124", "L3DfN
ILTaE")
^%ISCLOG("Data",9)=$lb(2,"CSPServer","[CSPDispatch]About to run page: Form.REST.Main"
, "4664", "FORMS", "2017-06-07 10:49:21.342", "%SYS.cspServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",9,0)=$lb("UnknownUser", "%All,%Developer", "%All,%Developer", 64,-559038
737)
^%ISCLOG("Data",10)=$lb(2,"CSPServer","[callPage] url=/forms/form/info ; Appl: /forms
/ newsession=0", "4664", "FORMS", "2017-06-07 10:49:21.342", "%SYS.cspServer", "124", "L3Df
NILTaE")
^%ISCLOG("Data",11)=$lb(2,"CSPServer","[callPage]Imported security context ; User: Un
knownUser ; Roles: %All,%Developer", "4664", "FORMS", "2017-06-07 10:49:21.342", "%SYS.cs
pServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",12)=$lb(2,"CSPServer","[OutputCSPGatewayData]: chd=1;", "4664", "FORMS"
, "2017-06-07 10:49:21.431", "%CSP.Response.1", "", "L3DfNILTaE")
^%ISCLOG("Data",13)=$lb(2,"CSPResponse","[WriteHTTPHeaderCookies] Session cookie: CSP
SESSIONID-SP-57772-UP-forms-=001000000000L3DfNILTaElcDBJNjyQdyLwKq4wCXP82ld8gic; path
=/forms/; httpOnly;", "4664", "FORMS", "2017-06-07 10:49:21.431", "%CSP.Response.1", "124
", "L3DfNILTaE")
^%ISCLOG("Data",14)=$lb(2,"CSPServer","[callPage] Return Status", "4664", "FORMS", "2017
-06-07 10:49:21.431", "%SYS.cspServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",14,0)=1
^%ISCLOG("Data",15)=$lb(2,"CSPServer","[OutputCSPGatewayData]: chd=1;", "4664", "FORMS"
, "2017-06-07 10:49:21.431", "%CSP.Response.1", "", "L3DfNILTaE")
^%ISCLOG("Data",16)=$lb(2,"CSPServer","[Cleanup]Page EndSession=0; needToGetALicense=
-1; nosave=0; loginredirect=0; sessionContext=1", "4664", "FORMS", "2017-06-07 10:49:21.
431", "%SYS.cspServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",17)=$lb(2,"CSPSession","[Cleanup] EndSession=0 nosave=0", "4664", "FORM
S", "2017-06-07 10:49:21.431", "%SYS.cspServer", "124", "L3DfNILTaE")
^%ISCLOG("Data",18)=$lb(2,"CSPSession","[%SaveData] Saved: ", "4664", "FORMS", "2017-06-
07 10:49:21.431", "%CSP.Session.1", "", "L3DfNILTaE")
^%ISCLOG("Data",18,0)=$lb(900,,0,5567742261,$c(149)_"Û"_$c(3)_"ó»à"_$c(127)_"½"_$c(1
49,10)_"\"_$c(18)_"v"_$c(128,135)_"3Vô"_$c(11)_"*"_$c(154)_"PİG¥"_$c(140,157,145,10,1
31)_"*"_,2,"FORMS", "001000000000L3DfNILTaElcDBJNjyQdyLwKq4wCXP82ld8gic", ,0,"ru", "L3DfN
ILTaE",2,1,"/forms/", $lb("UnknownUser", "%All,%Developer", "%All,%Developer", 64,-559038
737), "", "", "", "2017-06-07 10:48:51", "2017-06-07 10:49:21", "Basic ZGV2OjEyMw==", "Mozil
la/5.0 (Windows NT 10.0; WOW64; rv:53.0) Gecko/20100101 Firefox/53.0", "", "", 0, "/forms
/", "", "", "", 5, "", "", "", "", "http://localhost:57772/formsui/index.html")
```

Web???????? - ????

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^%ISCLOSE("Data",19)=$lb(2,"CSPServer","[Cleanup] Restoring roles before running destr
uctor","4664","FORMS","2017-06-07 10:49:21.431","%SYS.cspServer","","L3DfNILTaE")
^%ISCLOSE("Data",19,0)=$lb("UnknownUser","%All,%Developer","%All,%Developer",64,-55903
8737)
^%ISCLOSE("Data",20)=$lb(2,"CSPServer","[Cleanup] End","4664","FORMS","2017-06-07 10:4
9:21.431","%SYS.cspServer","","L3DfNILTaE")
^%ISCLOSE("Data",20,0)=" "
^%ISCLOSE("Data",21)=$lb(2,"GatewayRequest","[CSPGWClientRequest] GWID: ed-pc:57772; R
equest: sys_get_system_metricsTimeout: 5","11112","%SYS","2017-06-07 10:49:23.141","%
SYS.cspServer3","","")
^%ISCLOSE("Data",22)=$lb(2,"GatewayRequest","[CSPGWClientRequest] GWID: 127.0.0.1:5777
2; Request: sys_get_system_metricsTimeout: 5","11112","%SYS","2017-06-07 10:49:23.141
","%SYS.cspServer3","","")
^%ISCLOSE("Data",23)=$lb(2,"GatewayRequest","[SendSimpleCmd:Server:Failed] WebServer:
127.0.0.1:57772; Gateway Server Request Failed","11112","%SYS","2017-06-07 10:49:23.1
41","%CSP.Mgr.GatewayMgrImpl.1","","")
^%ISCLOSE("Data",23,0)=0
^%ISCLOSE("Data",24)=$lb(2,"GatewayRequest","[GetMetrics]","11112","%SYS","2017-06-07
10:49:23.141","%CSP.Mgr.GatewayMgrImpl.1","","")
^%ISCLOSE("Data",24,0)=" "
```

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set p="c:\temp\isclog.txt"
open p:"NW"
use p zw ^%ISCLOSE
close p
```

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?? ?????%request????????????????????????????????????

```
/// Incoming request
Class Log.Request Extends %Persistent
{
/// A string indicating HTTP method used for this request.
Property method As %String;
/// A string containing the URL up to and including the page name
/// and extension, but not including the query string.
Property url As %String(MAXLEN = "");
/// A string indicating the type of browser from which the request
/// originated, as determined from the HTTP_USER_AGENT header.
Property userAgent As %String(MAXLEN = "");
/// A string indicating the MIME Content-Type of the request.
Property contentType As %String(MAXLEN = "");
/// Character set this request was send in, if not specified in the HTTP headers
/// it defaults to the character set of the page it is being submitted to.
```

```
Property charSet As %String(MAXLEN = "");
/// A %CSP.Stream containing the content submitted
/// with this request.
Property content As %Stream.GlobalBinary;
/// True if the communication between the browser and the web server was using
/// the secure https protocol. False for a normal http connection.
Property secure As %Boolean;
Property cgiEnvs As array Of %String(MAXLEN = "", SQLPROJECTION = "table/column");
Property data As array Of %String(MAXLEN = "", SQLPROJECTION = "table/column");
ClassMethod add() As %Status
{
    set request = ..%New()
    quit request.%Save()
}
Method %OnNew() As %Status [ Private, ServerOnly = 1 ]
{
    #dim %request As %CSP.Request
    #dim sc As %Status = $$$OK
    quit: '$isObject($g(%request)) $$$ERROR($$$GeneralError, "Not a web context")
    set ..charSet = %request.CharSet
    if $isObject(%request.Content) {
        do ..content.CopyFromAndSave(%request.Content)
    } else {
        set ..content = ""
    }
    set ..contentType = %request.ContentType
    set ..method = %request.Method
    set ..secure = %request.Secure
    set ..url = %request.URL
    set ..userAgent = %request.UserAgent
    set cgi = ""
    for {
        set cgi=$order(%request.CgiEnvs(cgi))
        quit:cgi=""
        do ..cgiEnvs.SetAt(%request.CgiEnvs(cgi), cgi)
    }
    // Only gets first data if more than one data with the same name is present
    set data = ""
    for {
        set data=$order(%request.Data(data))
        quit:data=""
        do ..data.SetAt(%request.Get(data), data)
    }
    quit sc
}
}
```

Log.Request ???

```
do ##class(Log.Request).add()
```

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????????????????????????????????????????????SQL???????????????????? ?
```

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```
??????????%CSP.Session????????????????????????????????????????????????
??????????%CSP.SessionEvents
```

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?? CSP??

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- OnApplicationChange
- OnEndRequest
- OnEndSession
- OnLogin
- OnLogout
- OnStartRequest
- OnStartSession

- OnTimeout

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```
set %response.ContentType = "html"  
do ##class(%CSP.Utils).DisplayAllObjects()  
return $$$OK
```

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Web??

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[#????? #????????? #Caché](#)
00 2 0 0 15

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- [Web?????????](#)
- Web????????? - ????

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