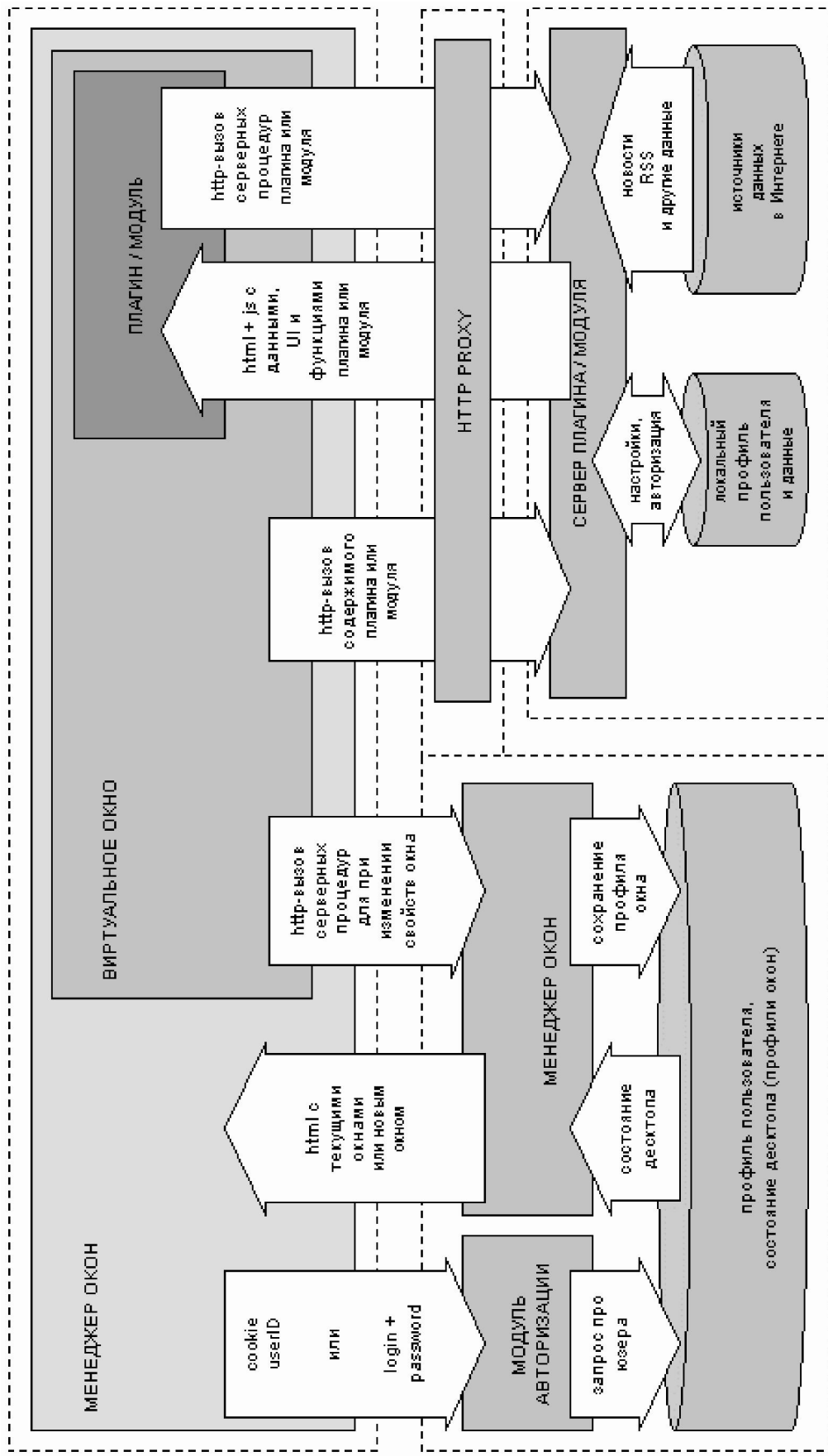
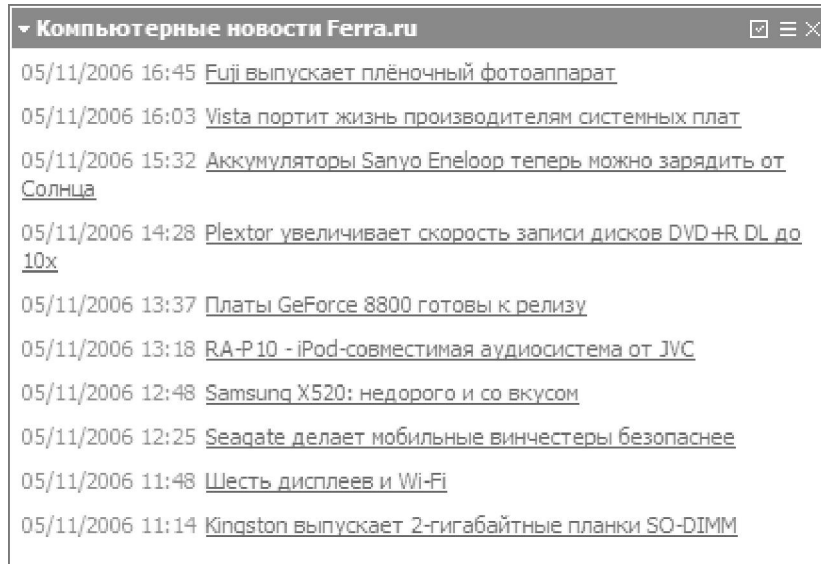


---

AJAX - HTML  
(JavaScript),



## DIV



```
<table name="window" style="position:absolute;top:px;left:px;z-index:;">
<tr>
<td>

<div class="windowContainer" style="width:px;height:px; overflow:auto;">

HTML

</div>

</td>
</tr>
</table>
```

---

xml

( )

JavaScript CSS

AJAX

AjaxRequest ServerCall.

ServerCall,

XML

AjaxRequest

JS

AJAX

URL

newURL = getProxy(url), url –

<http://somehost.ru/somefile.php?somequery>

newURL

AjaxRequest

GET

POST

FORM

IFRAME

A,

AJAX.

---

:

DIV

vd\_application\_xxxx

- unload
- target="\_blank"

- 
- 
- 
- ServerCall, html
- \_\_VDINSTANCE\_\_

- XML
- 
- 
- HTML
- CSS
- JS
- JS
- 
- ( )

```
<?xml version="1.0" encoding="UTF-8"?>
<plugin>
  <description>
    <application class="my_application_classname" title="
      " version="0.1" lmtime="Tue, 17 Oct 2006 13:05:00 +0400" expires="Tue,
17 Oct 2006 13:05:00 +0400"/>
    <author name="          " mail="ivanov@mail.com"
home="http://mypage.com"/>
    <window width="400" height="300" title="          "
url="http://someaddr.com"/>
  </description>
  <config>
```

```

    <!--                                -->
</config>

<content>

    <link rel="stylesheet" href="absolute_path_and_url/file.css"/>

    <style>
        <![CDATA[
            .myApp A {color: red;}
            .myApp B {color: green;}
        ]]>
    </style>

    <script src="someurl/somefile.js" charset="UTF-8"/>

    <script language="javascript">
        <![CDATA[
            if (!window.my_application_classname)
                window.my_application_classname = function(win_id, parameters)
                {
                    this.instance = win_id;
                    this.appName = 'vd_application_'+this.instance;
                    this.appWindow = document.getElementById('window_'+win_id);
                    this.appWindowContainer =
document.getElementById('windowFrame_'+win_id);
                    this.parameters = parameters;

                    this.init = function()
                    {
                        alert('Load ok!');
                    }

                    this.go = function()
                    {
                        var p = document.getElementById('message_'+this.instance);
                        p.innerHTML = 'Preved, krosavcheg!';
                    }

                    this.unload = function()
                    {
                        alert('Unloading...');
                    }
                }
        ]]>
    </script>

<body>
    <div>
        <b>Hello world!</b><br/>
        <button onclick="vd_application__VDINSTANCE__.go();">Go!</button>
        <p id="message__VDINSTANCE__"></p>
    </div>
</body>

```

```
</content>
```

```
</plugin>
```

```

<tab title="          RSS">
  <fieldset>
    <legend>

    </legend>
    <description>
      1
    </description>
    <input type="text" label="URL:" name="url" default=""
required="1" validate="url" maxlength="64" readonly="0" />
    <input type="select" label="          :" name="num"
default="10" values="5,10,20" labels="5,10,20" multiple="0" />
    <input type="select" label="          :" name="target"
default="_blank" values="_blank,_self" labels="          ,          "
multiple="0" />
    <input type="select" label="          :"
name="noteformat" default="1" values="0,1,2" labels="          ,          ,          " multiple="0" />
    <input type="text" label="          :" name="timeformat"
default="d/m/Y H:i" required="1" validate="none" maxlength="16" readonly="0" />
    <input type="text" label="          ( ):"
name="rld_time" default="300" required="1" validate="none" maxlength="4"
readonly="0" />
  </fieldset>
</tab>

```

- config tab-
- tab fieldset-
- fieldset legend, description
- fieldset input-
- HTML,
- XML,
- XML
- ,

- **required**
  - **readonly**
  - **validate**
- : none - , url - URL, mail - e-mail ,
- integer - .

- text
- password
- select
- checkbox
- radio
- date

, expires , : expires

, - 1 . ,

:

- SecretCode , javascript
- MD5(SecretCode + window\_id + user\_id) , javascript  
user\_id, window\_id  
md5  
AJAX  
cookie cookies

- 
1. 100% AJAX PDA, :
  2. ,  
200 px.
  3. ,  
\_\_VDBASEURL\_\_
  4. target="\_blank"
  5. javascript
  6. JavaScript

## XML

1. XML ,
2. (description)
3. javascript content
4. css
5. " " , .

# JavaScript

---

```
,  
    , vd_application_xxxx,  
    .  
    description.
```

## init()

```
HTML  
    init  
    ,  
    . . .  
    .  
    init js-  
    ,
```

## unload()

```
,  
    ,  
    . . . ,  
    « »  
    . unload
```

## onresize()

```
.  
    ,  
    . . .  
    (DIV),  
    .
```

## onbeforeresize(), onafterresize()

---

,

.

onresize(),

,

.

- 
- **createDialogWindow(win, uid, x, y) -**  
win (ID ) uid (  
. .). X, Y - .
  - **closeDialogWindow(win, uid) -**
  - **DialogWindowPutContent(win, uid, html, [x, y]) -**  
HTML . x y,
-

---

alert().

---

debugInit().

debugError, debugResult, debugNotice

( )

:

---

window

- **serverStatus** - [2|1|0]
- **userID** - , ,
- **desktopID** -
- **isDesktop** - , -
- **desktops** - , , true

---

## **\$(elementId)**

Alias document.getElementById()

## **\$\$('tagName')**

Alias document.createElement()

## **\$(element)**

## **getMouseXY(event)**

obj.x obj.y

## **getDocumentHeight**

## **getDocumentWidth**

## **getClientWidth**

## **getClientHeight**

**getBodyScrollTop**

**getBodyScrollLeft**

**Windows.windowGetById(winid)**

DOM

▪ : ( , )

▪ :

**Windows.windowFocus(winid)**

▪ :

**Windows.windowOpenItem(itemID)**

**Windows.windowReload(winid)**

▪ : winid –

**Windows.windowSave(winid)**

:

**Windows.windowClose(winid, nosave[0|1])**

DOM.

:

```
        :
        nosave      1
        ,
```

## serversetStatus(status)

status:

```
2 | error -
1 | ok | true | ready -
0 | loading | false | busy -
```

## serverCall(url, callback)

```
XMLHttpRequest,
callback
XML

url: - GET
callback: -
```

## hash2qs(hash)

```
serverCall

var mHash = {
    'winid': this.plugin.instance,
    'login': this.login,
    'passwd':this.passwd
}

serverCall( this.urlAuth + hash2qs(mHash) );
```

## parseResponse(xml)

xml

## Windows.windowSettingsOpen(win, e)

win -

e - event

## Windows.windowMinimize (win)

win

## JavaScript

:

```
if (!window.DesktopBrowser_application)
window.DesktopBrowser_application = function(win_id)
{
    this.instance = win_id;
    this.appName = 'vd_application_'+this.instance;
    this.appWindow = document.getElementById('window_'+win_id);
    this.appWindowContainer = document.getElementById('windowFrame_'+win_id);
    this.timer = null;
    this.rld = 300;
    this.url = '';

    this.getContent = function()
    {
        window.clearTimeout(this.timer);
        if (this.rld > 0)
            this.timer = window.setTimeout(this.appName+".getContent()",
this.rld*1000);
        document.getElementById('contentFrame_'+this.instance).src =
document.getElementById('contentFrame_'+this.instance).src;
    }

    this.goHome = function()
    {
        window.clearTimeout(this.timer);
        if (this.rld > 0)
            this.timer = window.setTimeout(this.appName+".getContent()",
this.rld*1000);
        document.getElementById('contentFrame_'+this.instance).src = this.url;
    }

    this.init = function(params)
    {
        this.parameters = params;
        this.url = params.url;
        window.clearTimeout(this.timer);
        if (this.rld > 0)
            this.timer = window.setTimeout(this.appName+".getContent()",
this.rld*1000);
        if (!document.getElementById('reload_menu_'+this.instance))
        {
            windowMenuAddDivider(this.instance);
            windowMenuAddItem(this.instance, 'reload_menu_'+this.instance,
,
,
"window.vd_application_"+this.instance+".getContent()", null, true);
```

```

        windowMenuAddItem(this.instance, 'home_menu_'+this.instance,
        ', "window.vd_application_" +
        this.instance+".goHome()", null, true);
    }
    debugResult('Application '+this.appName+' init OK!');
}

this.unload = function()
{
    debugResult('Unloading application '+this.appName );
    window.clearTimeout(this.timer);
}
}

```

```

,
document.getElementById( HTML
    __VDINSTANCE__,

```

ID

```

$('name_'+this.instance).

```

```

,
.

```

# \_\_VDINSTANCE\_\_

---

\_\_VDINSTANCE\_\_

, html instance="xxx" html

\_\_VDINSTANCE\_\_

---

(DIV).

2

```
<a href="#"
onclick="document.getElementById('targetDiv').innerHTML = prompt('
'); return false;">
</a>
<div id="targetDiv">
</div>
```

2

HTML

ID targetDiv,

\_\_VDINSTANCE\_\_

```
<a href="#"
onclick="document.getElementById('targetDiv__VDINSTANCE__').innerHTML =
prompt('
'); return false;">
</a>
<div id="targetDiv__VDINSTANCE__">
</div>
```

*xml/*

# \_\_VDBASEURL\_\_

---

\_\_VDBASEURL\_\_

URL

:

```

```

## CSS

---

,

,

.

```
.componentName .navigation  
.componentName .menu
```

```
.navigation <-  
.menu <-
```

■

,

■

100%

,

,

.

html-

CSS-

.

,

,

,

.

```
TABLE.window  
TABLE.window TD  
TABLE.window .windowControlButton
```

```
TABLE.window B.button_red <- ,
```

```
DIV.Window <- ,
```

# XML

---

response. xml, , :

- **result** - (0/1/2)
- **html** - html , execute id  
( .html.code123), html \_\_VDI INSTANCE\_\_
- **execute** - js script
- **javascript** -
- **stylesheet** - css
- **style** -

result ,  
CDATA

.

1. serversetStatus()
2. html html,  
\_\_VDI INSTANCE\_\_
- 3.
4. css
5. style
6. execute
7. html

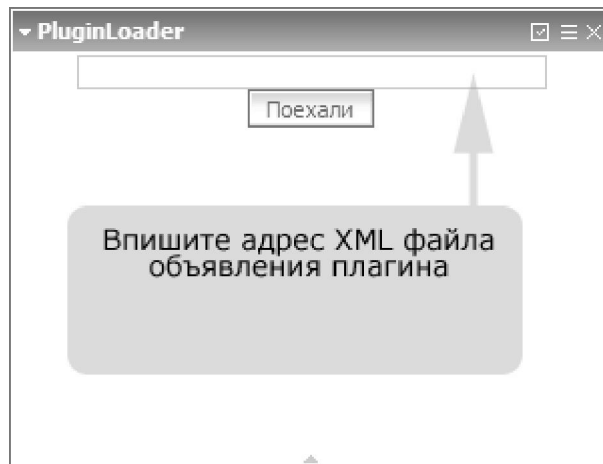
```
<?xml version="1.0" encoding="windows-1251"?>
<!-- Sample server response file -->
<response>
  <result code="1" />
  <execute>
    <![CDATA[
parent.debugNotice("          :36");
parent.debugNotice("          ");
    ]]>
  </execute>
  <html id="code123" instance="123">
    <![CDATA[
      html
    ]]>
  </html>
  <execute>
    <![CDATA[
document.getElementById('someID').innerHTML = html.code123;
serverSetStatus(1);
    ]]>
  </execute>
  <execute>
    alert('          ');
  </execute>
  <jscript src="myscript.js" />
<style id="someid">
<![CDATA[
b {color: red}
]]>
</style>
<stylesheet id="someOtherID" href="someurl/somefile.css"/>
</response>
```

DevTools:

- (PluginLoader)
- ( )
- (VarDump)



« ».



alert(),

:

- `debugNotice(text)` –
- `debugResult(text)` –
- `debugError(text)` –

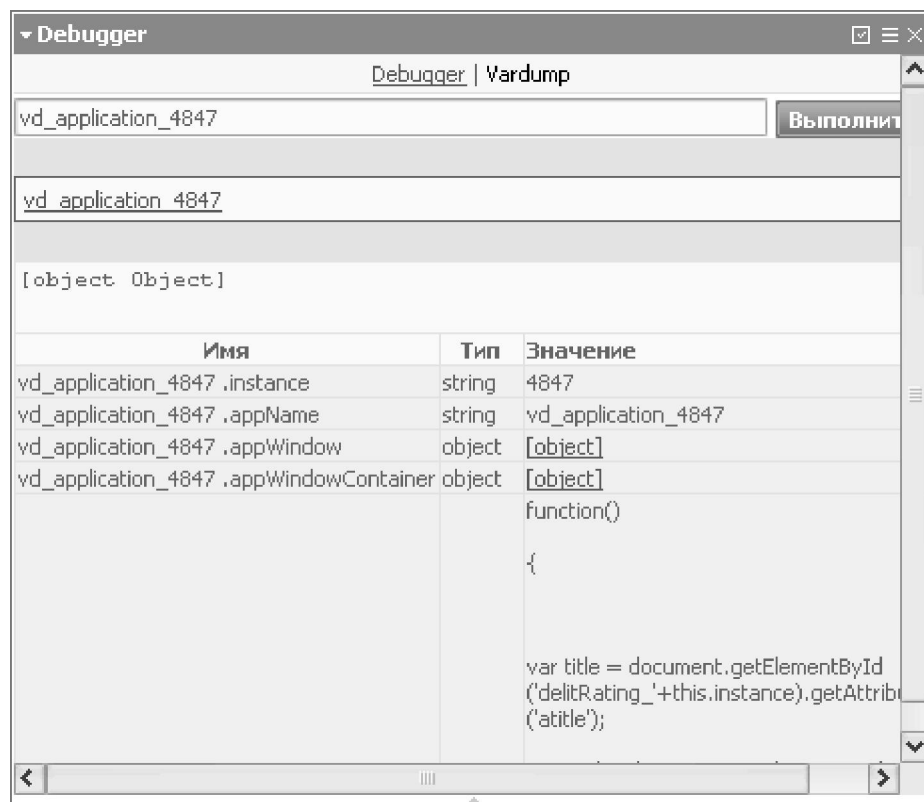
try-catch



VarDump.

## VarDump

JavaScript.



The screenshot shows a debugger window titled "Debugger" with a sub-tab "Debugger | Vardump". The main area displays the variable "vd\_application\_4847" with a value of "[object Object]". Below this, a table lists the object's properties:

Имя	Тип	Значение
vd_application_4847 .instance	string	4847
vd_application_4847 .appName	string	vd_application_4847
vd_application_4847 .appWindow	object	[object]
vd_application_4847 .appWindowContainer	object	[object]

Below the table, a function definition is visible:

```
function()  
{  
  
var title = document.getElementById  
( 'delitRating_'+this.instance ).getAttrib  
( 'atitle' );
```