



exigen[®]

Unlocking Value of The Business™

Performance test script optimization opportunities using Mercury LoadRunner

Jevgenijs Murans





- **You have problems with performance**
- **You will have problems with performance**
- **You had problems with performance**





- Parametrization opportunities
- No need to install it on the server under test. It uses native monitors. (perfmon for windows or rstatd daemon for Unix)
- Excellent monitoring and analysis interface where you can see reports in easy to understand colored charts and graphics





- New builds
- Test environment is often changed
- URL's are changed
- Hidden/Floating script resources
- Best time to run test – night
- Test data changes often





- **Create variable for application host and domain**

Example

Recorded URL

```
web_url("login.aspx",
  "URL=https://perftest.development.corp/Insurance/login.aspx",
  "Resource=0",
  "RecContentType=text/html",
  "Referer=",
  "Snapshot=t15.inf",
  "Mode=HTML",
  EXTRARES, |
```

Edited URL

```
lr_save_string( "https://perftest.development.corp", "_domain" );
lr_save_string( "https://perftest.development.corp/Insurance", "app_url" );

web_url("login.aspx",
  "URL={app_url}/login.aspx",
  "Resource=0",
  "RecContentType=text/html",
  "Referer=",
  "Snapshot=t15.inf",
  "Mode=HTML",
  EXTRARES,
```



- Get hidden/floating script resources from last page

Example

```
web_reg_save_param("_HiddenFieldURL", "LB/IC=hiddenField=\\\"",
"RB/IC=\\\"",
"Ord=1", "Search=Body", "Notfound=warning", LAST);

web_url("Sign.aspx",
"URL={app_url}/Pages/Sign.aspx?id={_UserPersCode}",
"Resource=0",
"RecContentType=text/html",
"Referer=",
"Snapshot=t41.inf",
"Mode=HTTP",
LAST);

web_url("Sign.aspx_2",
"URL={app_url}/Pages/Sign.aspx?_TSM_HiddenField_={_HiddenFieldURL1}",
"Resource=0",
"RecContentType=application/x-javascript",
"Referer={app_url}/Pages/Sign.aspx?id={_UserPersCode}",
"Snapshot=t9.inf",
"Mode=HTML",
LAST);
```



Thank You!





Questions?

