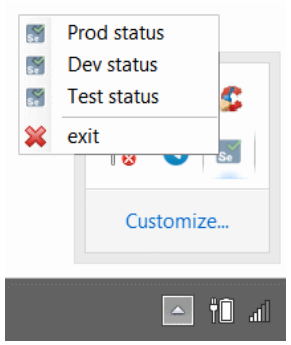
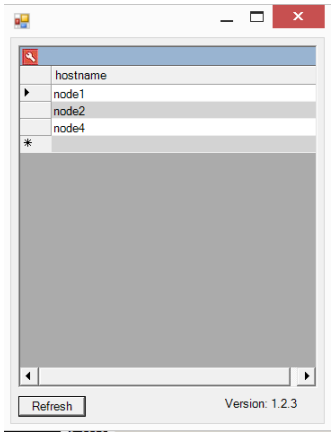
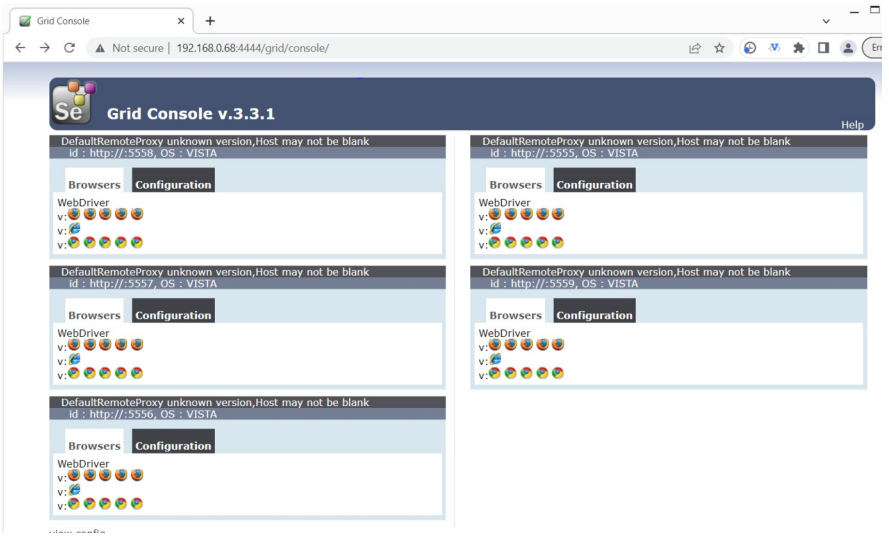
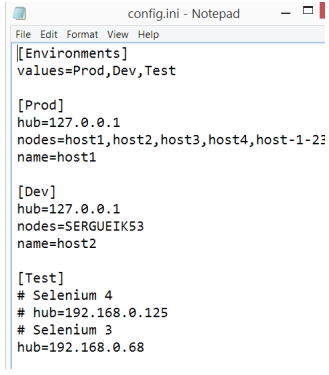
VDI Health Check Selenium 3x to 4x Migration









HTML Page scraped through
`System.Windows.Forms.WebBrowser.WebBrowser`

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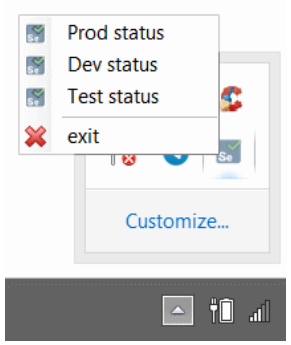

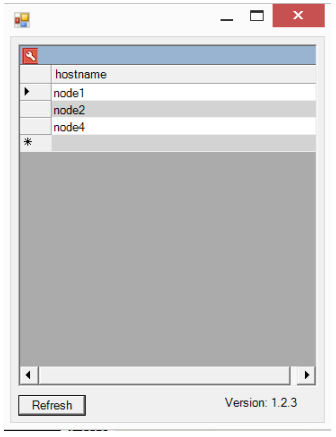

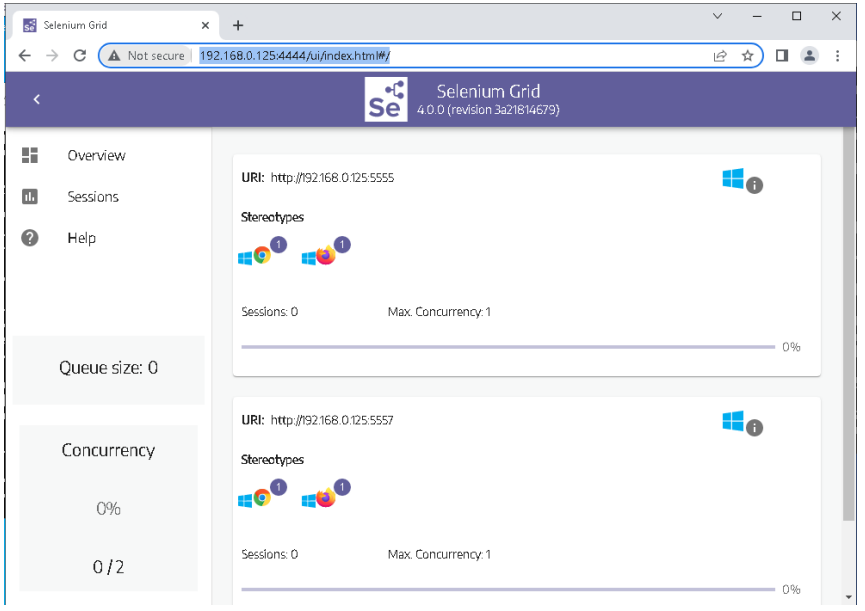

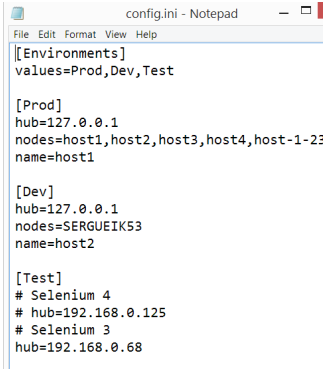

`System.Windows.Forms.WebBrowser.WebBrowser`

cannot do JQuery

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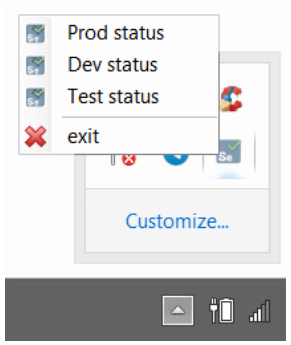

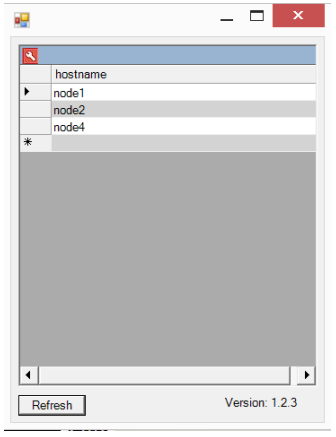

GET http://192.168.0.68:4444/status


```
{
   "value": {
      "ready": true,
      "message": "Selenium Grid ready.",
      "nodes": [{
            "id": "c0cdd050-8012-49d2-a841-e63d188c4b61",
            "uri": "http://node5:5555",
            "maxSessions": 1,
            "osInfo": {
               "arch": "amd64",
               "name": "Windows 10",
               "version": "10.0"
            },
            "heartbeatPeriod": 60000,
            "availability": "UP",
            "version": "4.0.0 (revision 3a21814679)",
            "slots": [{
                  "lastStarted": "1970-01-01T00:00:00Z",
                  "session": null,
                  "id": {
                     "hostId": "c0cdd050-8012-49d2-a841-e63d188c4b61",
                     "id": "2ec59c0f-9d92-4426-8a4f-2c2edceb416d"
                  },
                  "stereotype": {
                     "browserName": "chrome",
                     "platformName": "WIN10"
                  }
               },
               {
                  "lastStarted": "1970-01-01T00:00:00Z",
                  "session": null,
                  "id": {
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                     "id": "77ed2893-d75d-433c-b37d-552fe306da9c"
                  },
                  "stereotype": {
                     "browserName": "firefox",
                     "platformName": "WIN10"
                  }
               }
            ]
         },
```


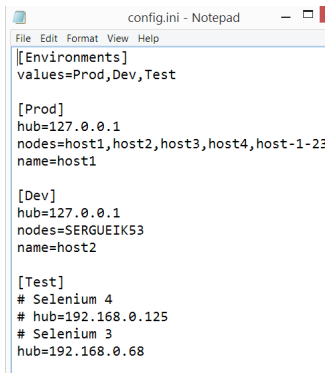

REST calls done through **System.Net.HttpWebRequest**
JSON serialization through **System.Web.Script.Serialization.JavaScriptSerializer.JavaScriptSerializer**

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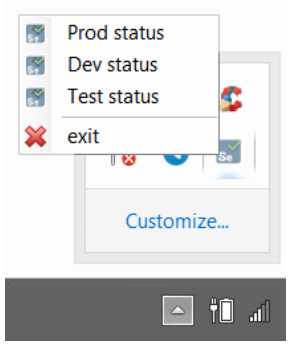

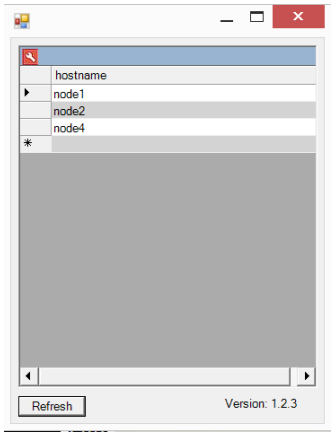

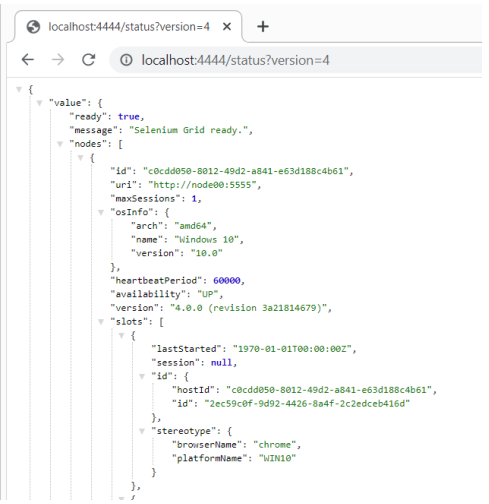

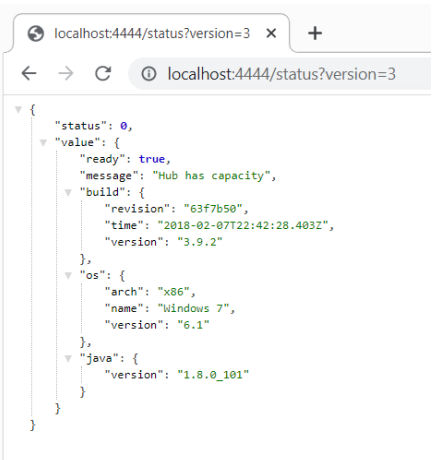

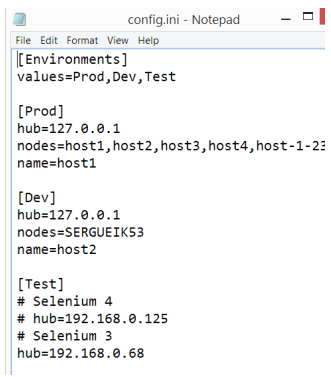

Selenium grid mocks done through
Java Spring app: running .Net web server on Windows requires admin privileges

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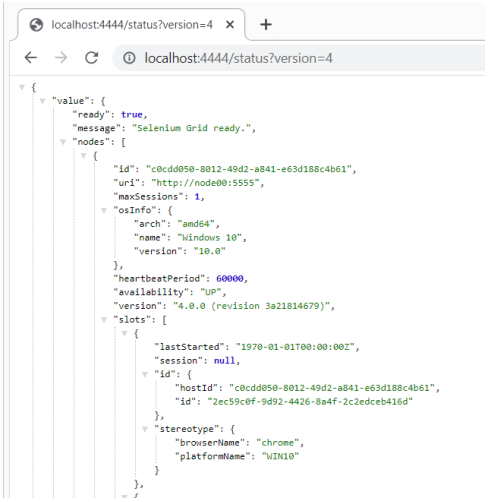
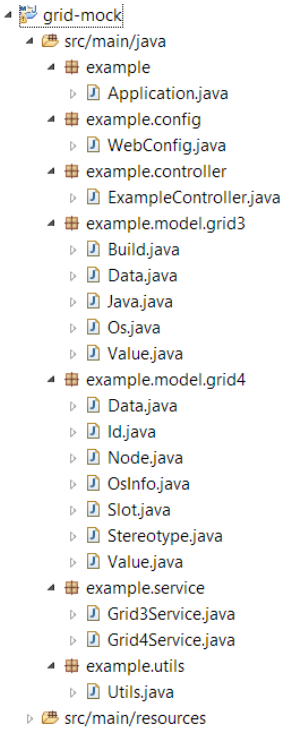
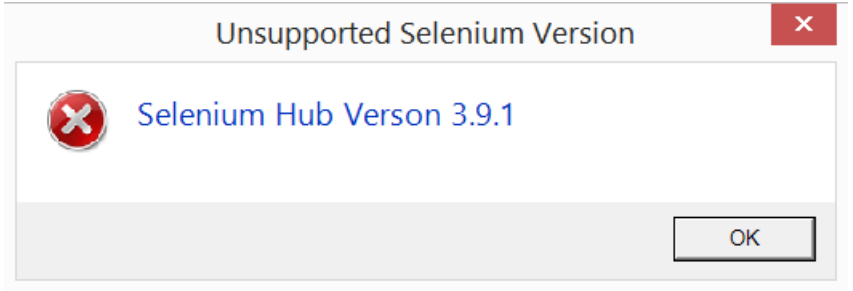
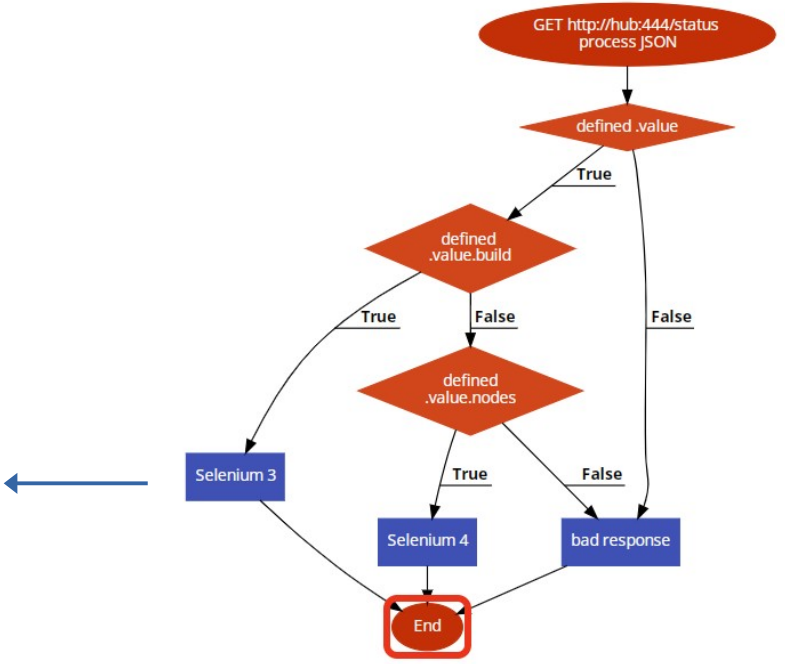




Selenium grid mock app internally is operating `GridStatus` with full cluster detail conveyed through relevant pojo

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