

Save Response Example

The following examples demonstrate how to create an external component that saves requested excel files from the server. Here are the steps:

1. Implement the **IEExternalComponent.OnAfterResponse(RuntimeSession)** method.
2. Determine the URL of the response that contains the excel file to save.
3. Create a unique name of the location or file name of the file to be saved.
4. Save the response body to disk.

Save Response Example

```
public class SaveExcelResponse : IEExternalComponent
{
    void IEExternalComponent.OnTestStart()
    {
        ///--- Not necessary.
    }
    void IEExternalComponent.OnTestEnd()
    {
        ///--- Not necessary.
    }
    void IEExternalComponent.OnBeforeRequest(RuntimeSession session)
    {
        ///--- Not necessary.
    }
    void IEExternalComponent.OnAfterResponse(RuntimeSession session)
    {
        if (session.Url.LocalPath == "/file.xlsx" &&
            session.ResponseCode == 200)//find the proper response and make sure it's a success response.
        {
            byte[] response = session.GetRawResponseBody();
            if (response.Length > 0)
            {
                string fileName = string.Format("file_{0}_{1}.xlsx", session.VUNumber, session.
IterationNumber); //give unique name
                string path = System.IO.Path.Combine("C:\\DownloadedFiles", fileName);
                using (System.IO.FileStream fs = System.IO.File.Open(path, System.IO.FileMode.CreateNew))
                {
                    fs.Write(response, 0, response.Length); //write file
                }
            }
        }
    }
}
```