

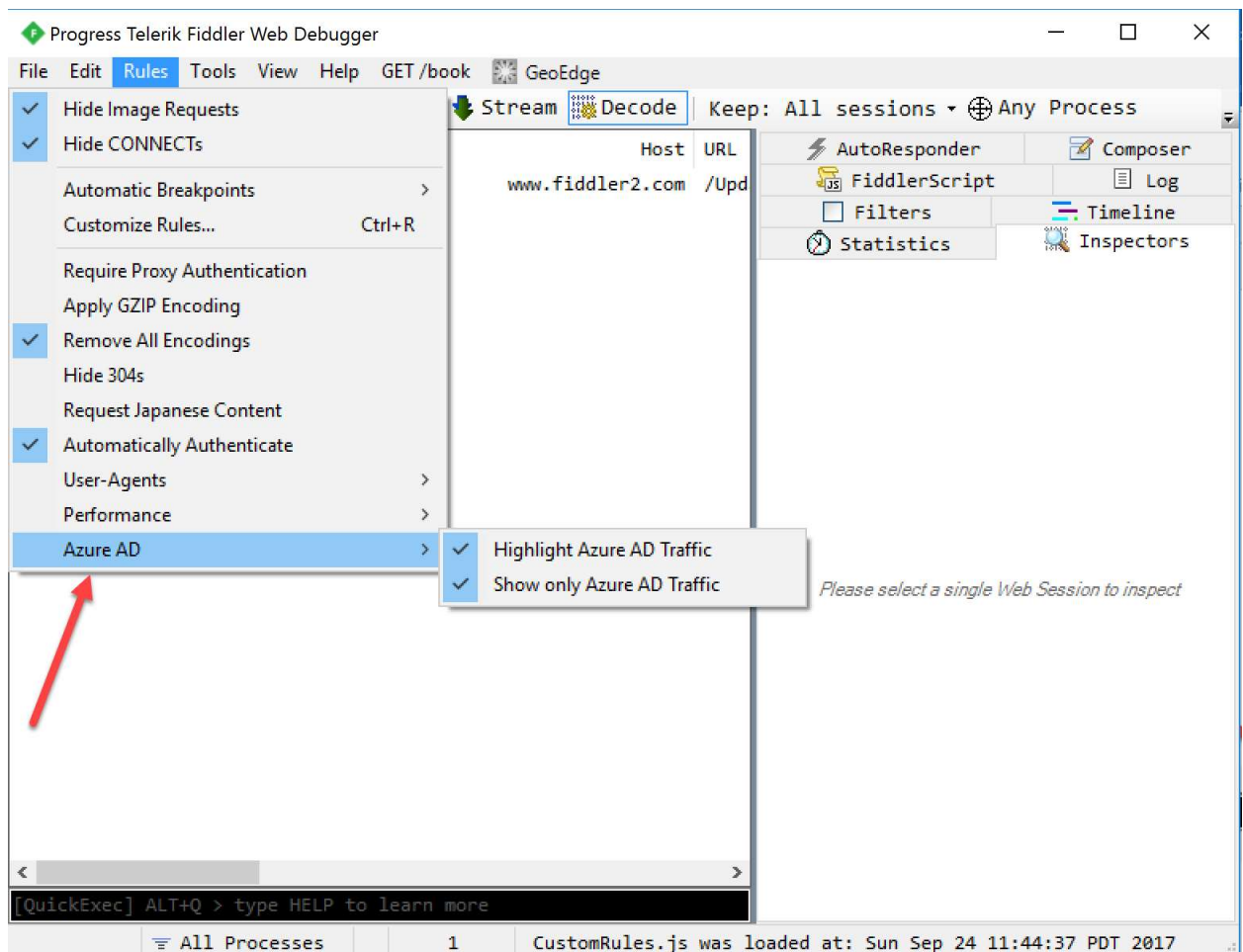
# Azure AD Ignite 2017 Goodies

## Azure AD Fiddler Extensions

### Install

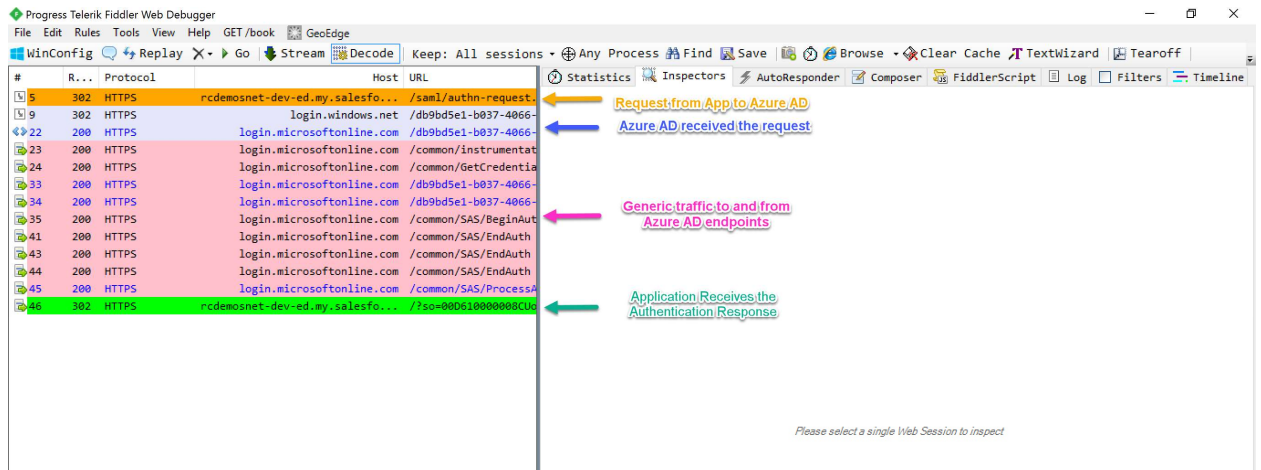
### Executing The rules

5. After saving the rules.js, a new “Azure AD Rules” menu will show up. Click on the rules to highlight and/or filter Azure AD Traffic.



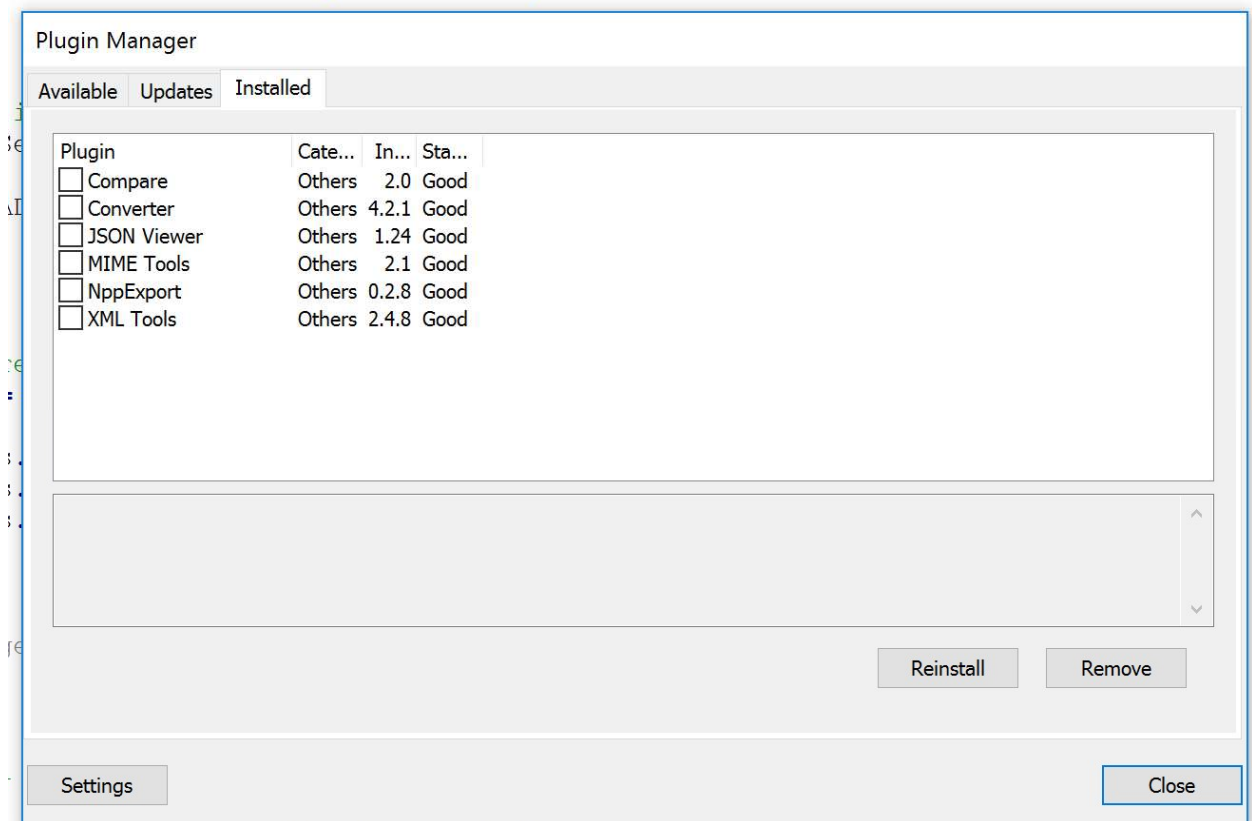
6. When the rules are in place, you can start running the flows in your browser. If you select the highlight traffic option, it will color-code the frames as follows:
  - Orange: Request from an application to Azure AD
  - Lavender: Requests to Azure AD. Usually follows an “Orange” frame
  - Pink: Any request which “referrer” header is a Azure AD. This typically includes “interim” authentication steps
  - Green: A frame that received an authentication response from Azure AD.

Below is an example



## Notepad++ plugins

- Below were the plugins used. Download them from Notepad++ plugin manager:



- To "Pretty print" XML document, use plugin menu option below:

\*new 2 - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

new 1 new 2 AzureADFiddlerRules.js ...demo

```
7 <Issuer>https://sts.v
8 <Signature xmlns="htt
9 <SignedInfo>
10 <Canonicaliz
11 <SignatureMet
12 <Reference UR
13 <Transforms>
14 <Transform Algorithm='
15 <Transform Algorithm='
16 </Transforms>
17 <DigestMethod Algorithm='1
18 <DigestValue>1RqMy35Gn2y2E
19 </Reference>
20 </SignedInfo>
21 <SignatureValue>fWE/VKGbqfim6upHVf
22 <KeyInfo>
23 <X509Data>
24 <X509Certificate>MIIC8DCC?
25 </X509Data>
26 </KeyInfo>
27 </Signature>
28 <Subject>
29 <NameID Format="urn:oasis:names:tc
30 <SubjectConfirmation Method="urn:c
31 <SubjectConfirmationData InRes
32 </SubjectConfirmation>
33 </Subject>
34 <Conditions NotBefore="2017-09-24T15:2
35 <AudienceRestriction>
36 <Audience>https://rcdemosnet-c
37 </AudienceRestriction>
38 </Conditions>
39 <AttributeStatement>
40 <Attribute Name="http://schemas.mi
```

XML Tools

- ☒ Enable XML syntax auto-check
- ☐ Check XML syntax now
- ☐ Enable auto-validation
- ☐ Validate now Ctrl+Alt+Shift+M
- ☒ Tag auto-close
- ☒ Set XML type automatically
- ☒ Prevent XXE
- ☐ Pretty print (XML only)
- ☐ Pretty print (XML only - with line breaks) Ctrl+Alt+Shift+B
- ☐ Pretty print (Text indent)
- ☐ Pretty print (libXML) [experimental]
- ☐ Pretty print (attributes) Ctrl+Alt+Shift+A
- ☐ Linarize XML Ctrl+Alt+Shift+L
- ☐ Apply to all open files
- ☐ Current XML Path Ctrl+Alt+Shift+P
- ☐ Evaluate XPath expression
- ☐ XSL Transformation
- ☐ Convert selection XML to text (<> => &lt;&gt;)
- ☐ Convert selection text to XML (&lt;&gt; => <>)
- ☐ Comment selection Ctrl+Alt+Shift+C
- ☐ Uncomment selection Ctrl+Alt+Shift+R
- ☒ Check for plugin updates on startup
- ☐ Options...
- ☐ About XML Tools