Testing the Registry Interchange Module (RIM) interface

1. Select a REST test tool
   Here are a few choices:
   - Advanced REST Client (Chrome Extension)
     https://chrome.google.com/webstore/detail/advanced-rest-client/hgmloofddffdnphfgcellkdfbfbjeloo?utm_source=gmail
   - Postman (Chrome Extension)
     https://chrome.google.com/webstore/detail/postman/fhbjgbiflinjbdggehchddcdnkbefjil?utm_source=gmail
   - REST client (Firefox Add On)
   - Apigee Console (Web-based): This is a very good tool, but it does not automatically follow redirections (See explanation in 3a. below)
     https://apigee.com/console/

2. Set up REST request headers.
   - For each request, there needs to be an Accept header (see the Postman example below)
   
   ![Postman example](image)

   - Just as the NSRR web site itself does, some requests require login. In these cases, you need to select
     o BASIC Authentication
     o Enter your NSRR user name and password to access the info.
     o This will result in the creation of an “Authorization” HTTP header for your request.
3. Test the non-protected resources (the following resources should not require login)
   a. GetRegistry (any of the following URL will work)
      https://nsrr.faa.gov/rim/registry
      https://nsrr.faa.gov/registry (See below)
      If you use a client that does not automatically follow HTTP redirection, such as Apigee Console, you will get 302 responses like this –

      ![API Console](image)

      You will then follow the address in the “Location” response header.

   b. GetIndex (No login required)
      • https://nsrr.faa.gov/rim/index
      • https://nsrr.faa.gov/index (See above for redirection)
c. GetServiceDescription (Login required)
   
   http://nsrr.faa.gov/services/fps (See above for redirection)
   http://nsrr.faa.gov/rim/services/fps
   (See above for redirection)
   (See above for redirection)

d. GetServiceProfile (Login required)
   
   http://nsrr.faa.gov/services/fps/profile (See above for redirection)
   http://nsrr.faa.gov/rim/services/fps/profile
   https://nsrr.faa.gov/profile?http://nsrr.faa.gov/services/fps (See above for redirection)
   https://nsrr.faa.gov/rim/profile?http://nsrr.faa.gov/services/fps (See above for redirection)