**SRP IDE**

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| 2019.03.12 – Tony Massé – Initial document  2019.04.03 – Tony Massé – Additional details |

1. UI
   1. Same look and feel as LogRhythm WebUI
   2. SRP Project Explorer
      1. Treeview
      2. Plug in
         1. Actions
            1. Action XYZ

Parameters

Validation

Code

* + 1. Output
       1. Preferences
          1. Language
          2. Modules/Extensions
       2. Build
       3. Test
  1. Features editor
     1. Tab system (hidden tabs)
     2. Tabs:
        1. Actions
        2. Command
        3. Fields
           1. Validation (see 3.4.3)
        4. Code (see 3.4)
  2. XML Viewer
  3. Tester

1. Features editor
   1. Creation/Selection/Edit of Actions
   2. Creation/Selection/Edit of Fields
   3. Field order change
2. Script builder
   1. Language selection
      1. PowerShell
      2. Python
   2. Module/Extension selection
      1. API wrappers
         1. LogRhythm
         2. Azure
         3. AWS
         4. Google
         5. ServiceNOW
      2. Simplifiers / Prebuilt functions
         1. SRP Configuration Save
         2. SRP Logging
         3. SRP Output
         4. Windows
         5. A/D
   3. Skeleton pre-population
      1. Options:
         1. Single File with all in
         2. Dual Files
            1. User functions (Actions)
            2. Supporting Functions
   4. Mapping Actions <-> Code function
      1. Creation of the Function
      2. Creation of the parameters based on the Fields of the Action
      3. Parameters verification/validation
         1. Default values
         2. What-if
            1. Empty
            2. Under/Over range
            3. Wrong format
      4. Mini code-editor
3. Project Files
   1. Save/Open
      1. File format in JSON or XML
      2. Possibility to save all, including custom code
   2. Export
      1. Script (see 3.3.1.1)
      2. Library (see 3.3.1.2)
   3. Version check
      1. Github
   4. Libraries
      1. Github