UiPATH

Smart Log Activity

Release Notes

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Activity	**Smart Log**
Version	**V1.0**
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Smart Log Activity

1. Overview:

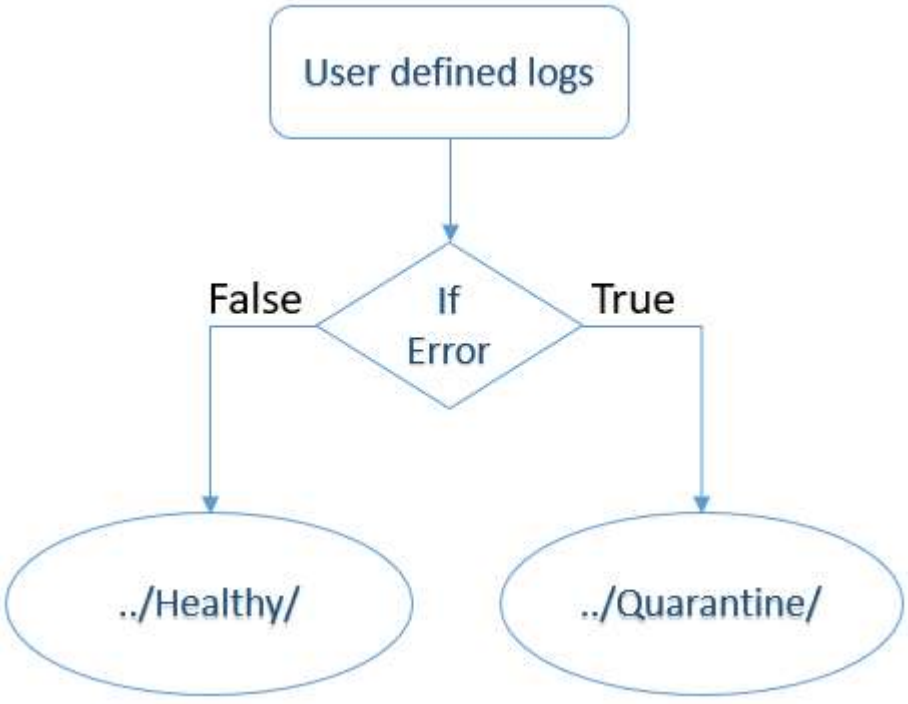
Used to create a custom log for a unit transaction in a process with enhanced user readability.

2 Features:

Smart Log will move your logs to a "**Quarantine"** folder in case of failures or exceptions else the log will be maintained at **"Healthy"** folder.

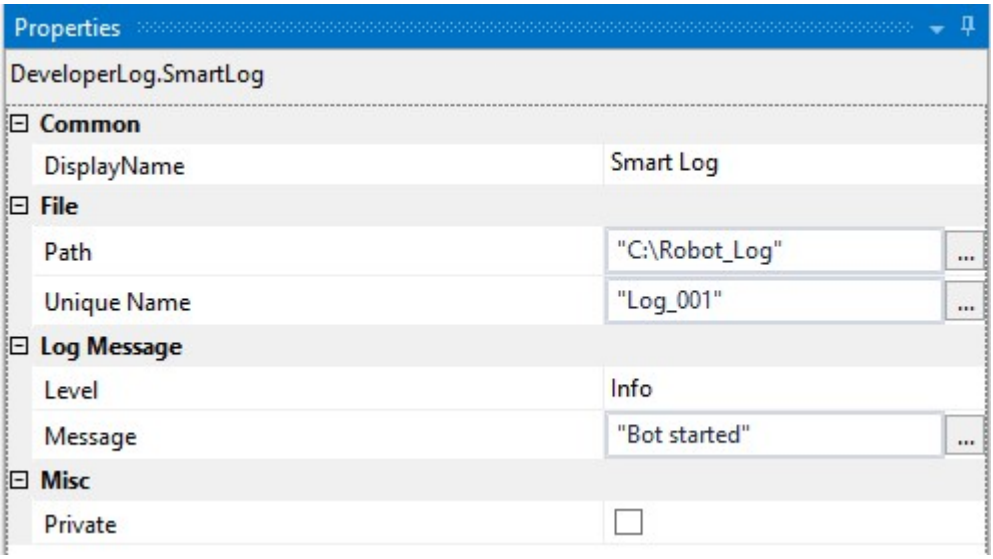
2.1 How it Works?

Select the attribute Level as **"Error" or "Fatal"** in case of exceptions/failures in your exception handling (Catch Block).



Notes: Smart Log will create Healthy and Quarantine folders automatically.

3. Attributes:



3.1 File → Path

- Specify the destination log path (i.e. Absolute/Relative Path).

  Example:

  1) C:\temp\
  2) \\192.168.1.1\temp\

3.2 File → Unique Name

- Specify the name of the log file.

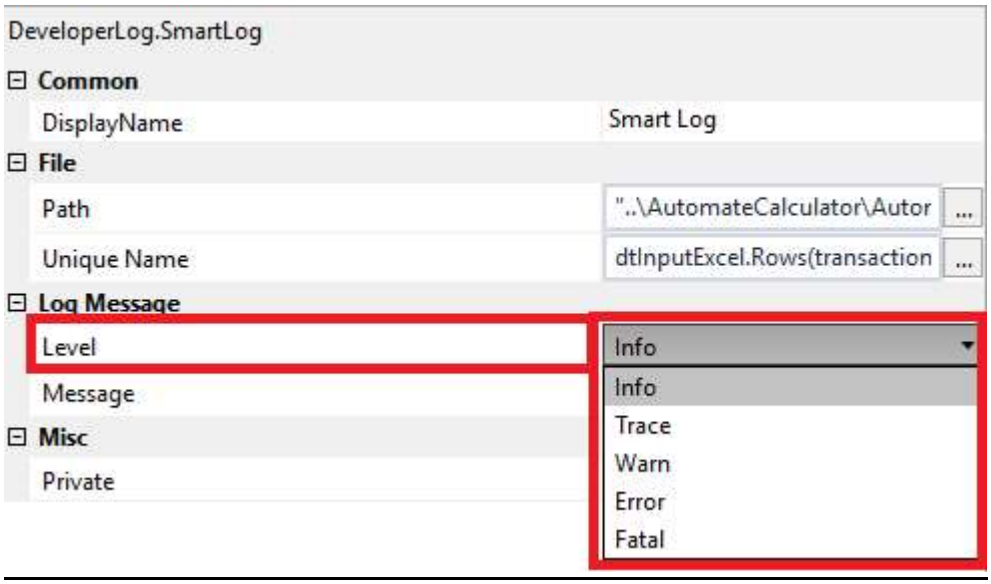
  Example:

  1) TxnAB10204_log_06072018

3.3 Log Message → Message

- Specify the exact log message.
- Run-time variable can also be used.

3.4 Log Message → Level



- Info(Default) - Text will be in Grey color.
- Trace - Text will be in Light Blue color.
- Warn - Text will be in Orange color.
- Error - Text will be in Red color.
- Fatal - Text will be in Purple color.

4. Benefits:

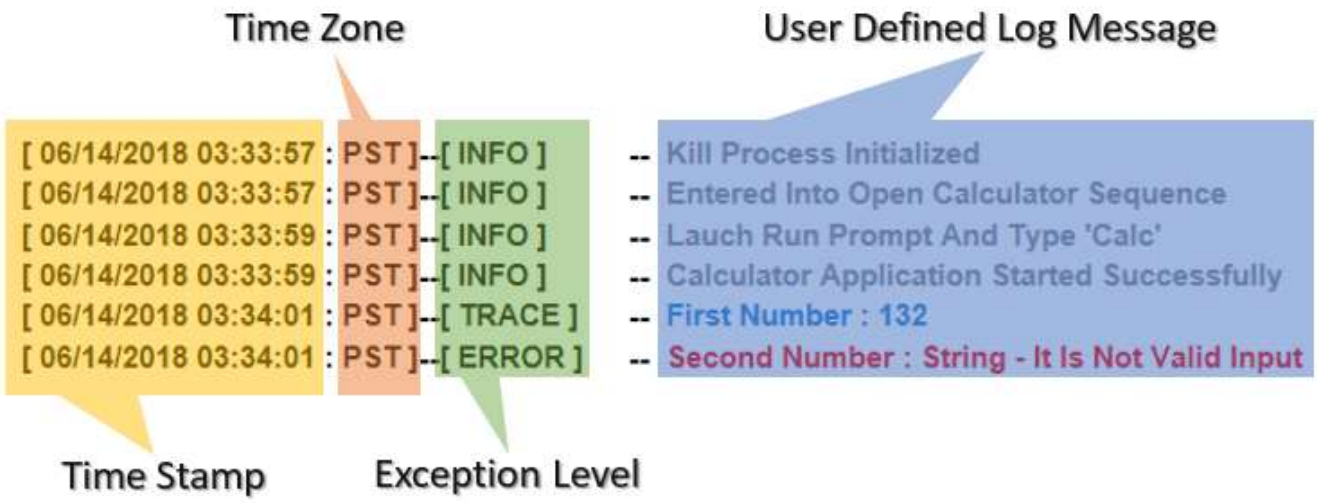
- Doesn't require orchestrator, suitable for low budget automation.
- Generated logs are responsive to screen size.
- Enhanced User readability.
- Logs are classified and maintained in separate directories. (i.e. Healthy and Quarantine)

Note: Once an Exception is logged with level as "Error" then the log file will be moved to "Quarantine Folder" which helps in grouping of successful transaction logs from failure transaction logs.

5. Lesson Learned:

- Since the logs are generated for unit transaction, so if required - only the failure transaction logs could be mailed.
- If required, logs could be maintained in separate machine/VM/SharePoint which is easy to debug/backtrack without disturbing the production machine.
- Hence, the logs are maintained in separate directories which would be useful backtracking.

6. Log Format:



7. Reference:

7.1 Reference – Success Log:

```
[ 06/14/2018 03:33:50 : PST ]--[ INFO ]  -- Kill Process Initialized
[ 06/14/2018 03:33:50 : PST ]--[ INFO ]  -- Entered Into Open Calculator Sequence
[ 06/14/2018 03:33:52 : PST ]--[ INFO ]  -- Lauch Run Prompt And Type 'Calc'
[ 06/14/2018 03:33:53 : PST ]--[ INFO ]  -- Calculator Application Started Successfully
[ 06/14/2018 03:33:55 : PST ]--[ TRACE ] -- First Number : 21
[ 06/14/2018 03:33:56 : PST ]--[ TRACE ] -- Second Number : 12
[ 06/14/2018 03:33:57 : PST ]--[ INFO ]  -- Updated In Excelsheet Successfully
```

7.2 Reference – [Error]Failure Log:

```
[ 06/14/2018 03:33:57 : PST ]--[ INFO ]   -- Kill Process Initialized
[ 06/14/2018 03:33:57 : PST ]--[ INFO ]   -- Entered Into Open Calculator Sequence
[ 06/14/2018 03:33:59 : PST ]--[ INFO ]   -- Lauch Run Prompt And Type 'Calc'
[ 06/14/2018 03:33:59 : PST ]--[ INFO ]   -- Calculator Application Started Successfully
[ 06/14/2018 03:34:01 : PST ]--[ TRACE ]  -- First Number : 132
[ 06/14/2018 03:34:01 : PST ]--[ ERROR ]  -- Second Number : String - It Is Not Valid Input
```

7.3 Reference – [Fatal]Failure Log:

```
[ 06/14/2018 03:34:06 : PST ]--[ INFO ]   -- Kill Process Initialized
[ 06/14/2018 03:34:06 : PST ]--[ INFO ]   -- Entered Into Open Calculator Sequence
[ 06/14/2018 03:34:08 : PST ]--[ INFO ]   -- Lauch Run Prompt And Type 'Calc'
[ 06/14/2018 03:34:08 : PST ]--[ INFO ]   -- Calculator Application Started Successfully
[ 06/14/2018 03:34:09 : PST ]--[ TRACE ]  -- First Number : 543
[ 06/14/2018 03:34:10 : PST ]--[ FATAL ]  -- Second Number : - It Is Empty
```

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