LogRotate Handler

This extension for the default *FileHandler* can rotate log files like the Linux *Logrotate* command.

Installation

We provide a VI package (*.vip) to be installed with the [JKI VI Package Manager](#). The commercial package can be downloaded by authorized people on our [Log Rotate Handler release page](#).

Configuration

The `Create LogRotate` method takes a cluster `LogRotate Configuration` for all specific options.

Cluster LogRotate Configuration:

- **Rotations:** Max number of rotations for the log file. With n rotations, there will be n additional files to the log file. If Rotations is `0`, no file with the content of the previous period will be created.
- **Max Size (Byte):** If the log file size exceeds "Max Size", the log file will be rotated. If "Max Size" is `0`, the log file will not be rotated by file size.
- **Period:** The period in which interval the rotation will be executed. Possible intervals are:
    - None: No rotation by period.
    - `Instant (for testing)`: The file will be rotated instantly with every log event. This case is intended for testing only.
    - `hourly`: The log file will be rotated on every full hour.
    - `daily`: The log file will be rotated on every new day.
    - `weekly`: The log file will be rotated on every new week.
    - `monthly`: The log file will be rotated on every new month.
4. **Compression CMD:** If provided, use this command to compress the rotated log files with an external program (e.g. 7zip, gzip). If the command contains white spaces, it must be enclosed in quotes. The variable `$INPUT` contains the file path of the rotated log file and the variable `$OUTPUT` the file path of the compressed output file. Do _not_ enclose these variables in quotes, this is done automatically. `$INPUT` is mandatory, `$OUTPUT` not, it depends on the program whether you need it. See examples below.
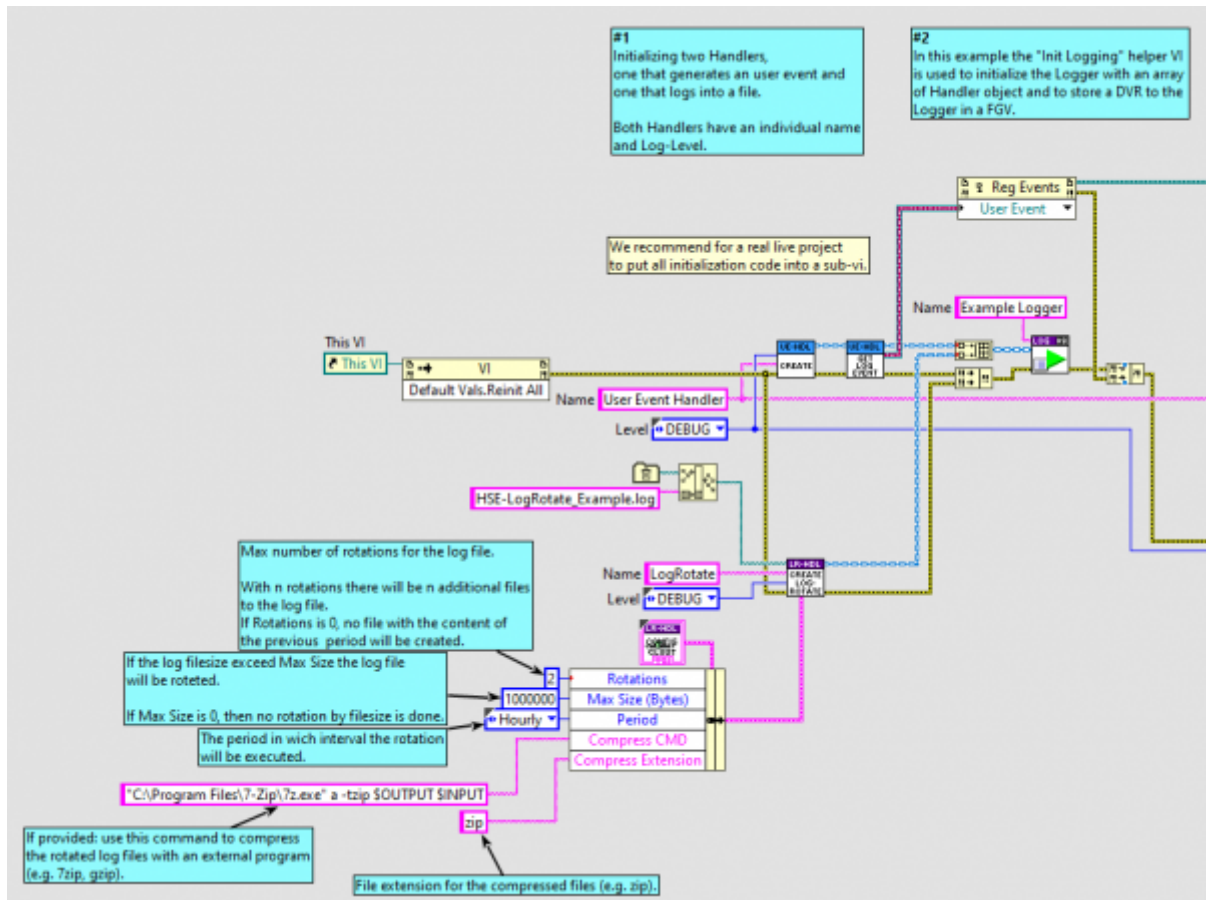5. **Compress Extension:** Filename extension for the compressed log files, e.g. "zip".

> ⚠️ For versions ⇐ 1.0.2, you have to use the file extension `.log` for the log file. Otherwise, it will throw an error after the second log.

Initialization

The initialization is the same as for other Log-Handler. Use the method `Create LogRotateFileHandler.vi` to instantiate a new LogRotate-Handler and configure it. Then

wire the object together with other Log-Handlers, if applicable, as array to the `Init Loggin` method.

Compression CMD examples

7-Zip on Windows with *zip* file format:

```
"C:\Program Files\7-Zip\7z.exe" a -tzip $OUTPUT $INPUT
```

GZip on Linux:

```
gzip "$INPUT"
```