

# ja-netfilter v2.0.1

## A javaagent framework

## Usage

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- download from the [releases page](#)
- add `-javaagent:/absolute/path/to/ja-netfilter.jar` argument (**Change to your actual path**)
  - add as an argument of the `java` command. eg:  
`java -javaagent:/absolute/path/to/ja-netfilter.jar -jar executable_jar_file.jar`
  - some apps support the `JVM Options file`, you can add as a line of the `JVM Options file`.
  - **WARNING: DO NOT put some unnecessary whitespace characters!**
- edit your plugin config files: `${lower plugin name}.conf` file in the `conf` dir where `ja-netfilter.jar` is located.
- run your java application and enjoy~

## Config file format

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```
[ABC]
# for the specified section name

# for example
[URL]
EQUAL,https://someurl

[DNS]
EQUAL,somedomain

# EQUAL      Use `equals` to compare
# EQUAL_IC   Use `equals` to compare, ignore case
# KEYWORD    Use `contains` to compare
# KEYWORD_IC Use `contains` to compare, ignore case
# PREFIX     Use `startsWith` to compare
# PREFIX_IC  Use `startsWith` to compare, ignore case
# SUFFIX     Use `endsWith` to compare
# SUFFIX_IC  Use `endsWith` to compare, ignore case
# REGEXP     Use regular expressions to match
```

## Debug info

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- the `ja-netfilter` will **NOT** output debugging information by default
- add environment variable `JANF_DEBUG=1` and start to enable it
- or add system property `-Djanf.debug=1` to enable it

## Plugin system

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- for developer:
  - view the [scaffold project](#) written for the plugin system
  - compile your plugin and publish it
  - just use your imagination~
- for user:
  - download the jar file of the plugin
  - put it in the subdirectory called `plugins` where the `ja-netfilter.jar` file is located
  - enjoy the new capabilities brought by the plugin