**GCeasy v2.0**

**Release Notes**

**GCeasy**

**Universal Garbage Collection Log Analyzer**

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1. **Make major improvements to UI**

User Interface has been simplified. More friendly help text and error text are published.

1. **Android GC Logs**

Enhanced the tool to parse Android GC logs. Both [Dalvik GC logs](https://blog.gceasy.io/2017/05/11/understanding-dalvik-gc-logs/), [ART GC Logs](https://blog.gceasy.io/2017/05/09/understanding-android-gc-logs/) are now supported

1. **Shenandoah GC Logs**

Shenandoah is a new GC algorithm with unique GC Log format. Tool has been enhanced to support Shenandoah GC logs.

1. **JVM heap size recommendations**

Tool has been enhanced to provide heap size recommendations. It will point out over-allocation and under-allocation of the heap size by each region.

1. **Tips to reduce GC pause time**

Based on GC activity, customized tips are provided to reduce GC Pause time.

1. **Ability to pass GC Log file name in API**

[Ability to pass GC Log file name](https://blog.gceasy.io/2016/06/18/garbage-collection-log-analysis-api/) in the API request is provided. This GC log file name will be printed in the web report, instead of random UUID. This is essential feature for high volume file output.

1. **KPI in GCeasy API response**

GCeasy API is enhanced to pass Key Performance Indicators. Alerts can be built when thresholds are breached for these KPIs.

1. **Detailed G1 GC Metrics**

Detailed metrics on every single G1 GC phase is printed in the web report with graphical details.

1. **Minor Bugs fixes**

Several minor bug fixes have been made to the tool.