

Cantaloupe

Extensible IIIF Image API 2.0 Server in Java

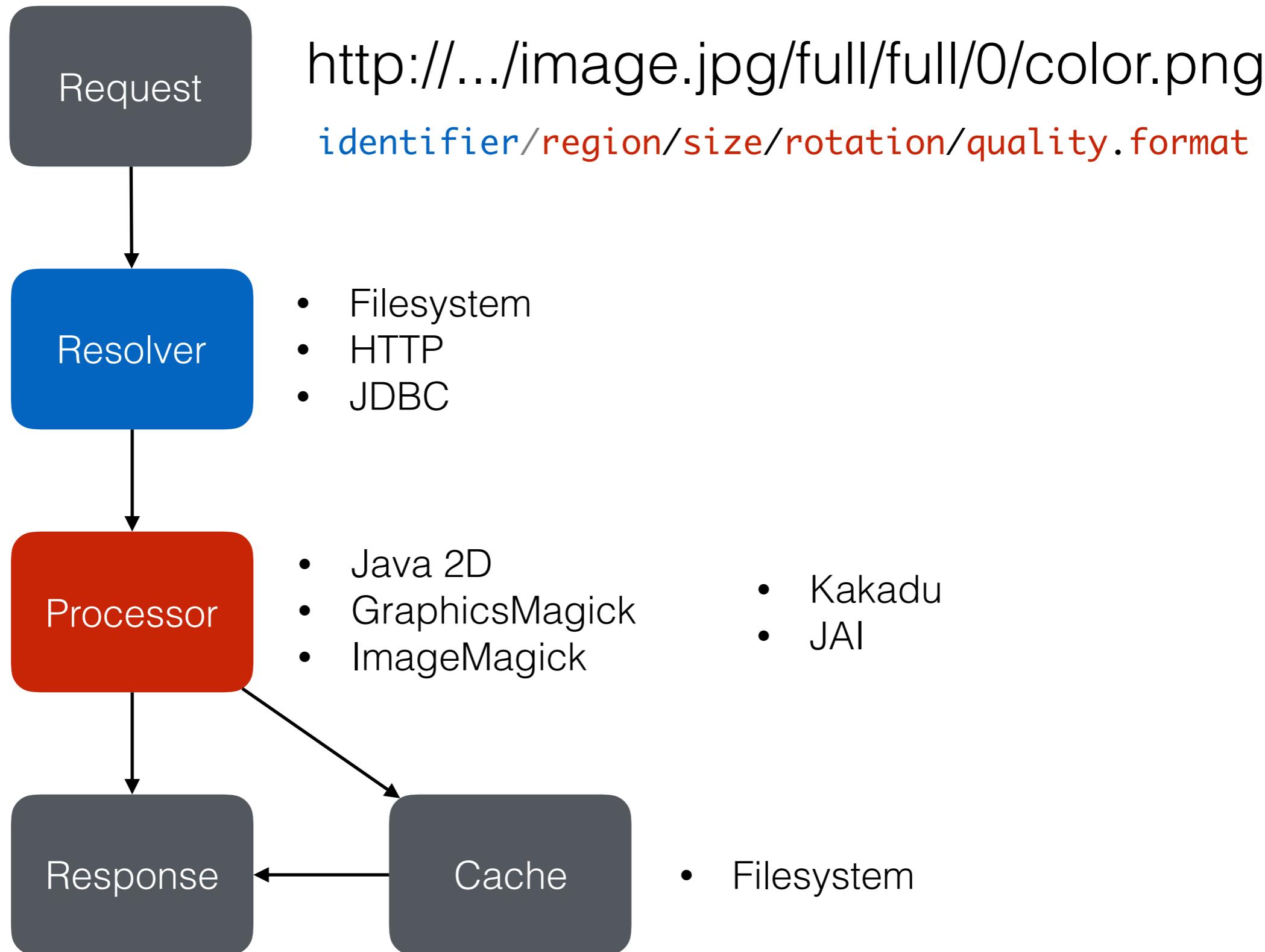
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Goals

- Easy
- Self-contained
- Flexible source formats & data sources

Benefits

- Easy to set up
- Run multiple instances simultaneously
- Easy upgrades & rollbacks (just swap JARs)
- Easy clustering (just run multiple instances)
- Compact, simple code base (Restlet standalone)
- Extensibility to support other/better codecs and different data sources in the future



Resolvers

- Look up and provide access to source images
- Filesystem
- HTTP (e.g. Fedora)
- JDBC (RDBMS)
- JDO in progress (RDBMS, Amazon S3, MongoDB...)

Processors

- Read images from resolvers and transform them according to the request parameters
- Can assign different processors to different source formats
 - 5 available; FFmpegProcessor in progress
- Different processors have different performance, format support, and dependency characteristics

Caches

- Cache images generated by Processors
- FilesystemCache
- JdoCache in progress

Demo

medusa-project.github.io/cantaloupe/