Simian Army

Initialization
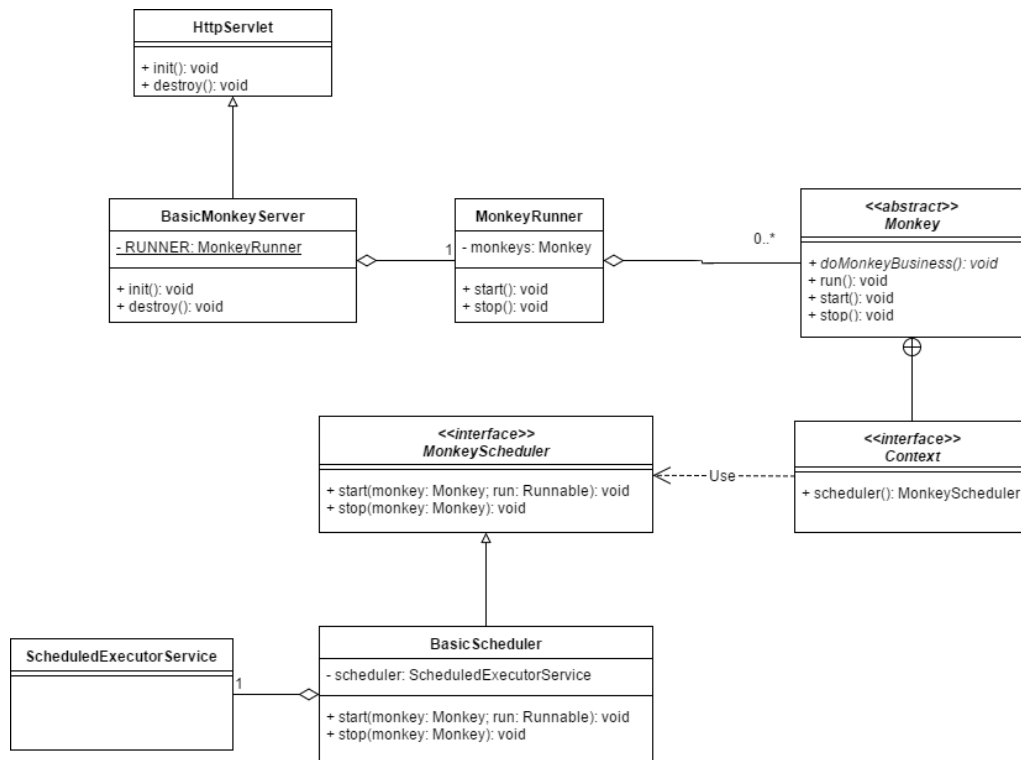
Initialization

1. BasicMonkeyServer loads configuration from a JAVA Property file

2. BasicMonkeyServer calls start() of MonkeyRunner

3. MonkeyRunner calls start() of each Monkey it aggregates

4. For each Monkey, it calls start(Monkey, Runnable) of its MonkeyScheduler

5. MonkeyScheduler then delegates the real work to ScheduledExecutedService

Class diagram

Command Pattern?

- Receiver (Monkey) with an action (run) ?

```java
public void start() {
    final Monkey me = this;
    ctx.scheduler().start(this, new Runnable() {
        @Override
        public void run() {
            try {
                me.run();
            } catch (Exception e) {
                LOGGER.error(me.type().name() + " Monkey Error: ", e);
            }
        }
    });
}
```

Command Pattern — Class Diagram