



# PerfCake

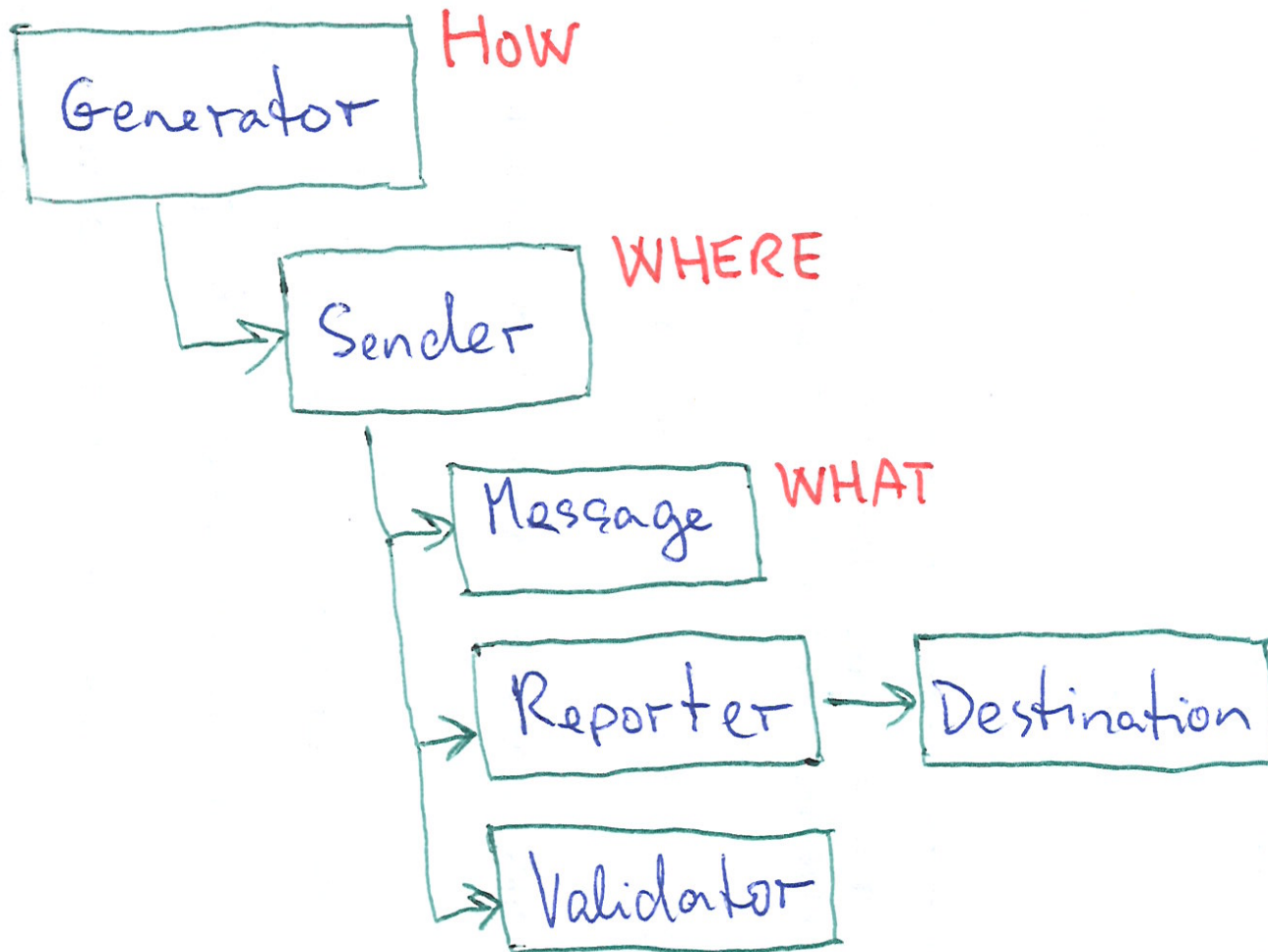
Breeding the community



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[www.perfcake.org](http://www.perfcake.org)

# PerfCake Architecture



# Configuration

```
<?xml version="1.0" encoding="utf-8"?>
<scenario xmlns="urn:perfcake:scenario:3.0">
  <properties>
    <property name="applicationName" name="testApp"/>
  </properties>
  <generator class="DefaultMessageGenerator" threads="${thread.count:10}">
    <run type="time" value="10000"/>
  </generator>
  <sender class="HttpSender">
    <property name="target" value="http://your-app.com/cool-app"/>
  </sender>
  <reporting>
    <reporter class="WarmUpReporter"/>
    <reporter class="ThroughputStatsReporter">
      <destination class="CsvDestination" enabled="true">
        <period type="time" value="3000"/>
        <property name="path" value="${perfcake.scenario}-stats.csv"/>
      </destination>
      <destination class="ConsoleDestination">
        <period type="percentage" value="5"/>
      </destination>
    </reporter>
  </reporting>
  <messages>
    <message uri="plain.txt" multiplicity="10">
      <header name="hello" value="hi!"/>
      <property name="myProp" value="value"/>
      <validatorRef id="text1"/>
    </message>
    <message content="Hello World!"/>
  </messages>
  <validation fastForward="false" enabled="false">
    <validator id="text1" class="RegExpValidator">I'm a fish!</validator>
  </validation>
</scenario>
```

# DSL Is Prettier

```
scenario "My Cool Scenario"
  applicationName "testApp"
  run 10.sec in ${thread.count:10}.threads
  generator "DefaultMessageGenerator"
  sender "HttpSender" target "http://your-app.com/cool-app"
  reporter "WarmUpReporter"
  reporter "ThrouputStatsReporter"
    destination "CsvDestination" every 3.sec path "${perfcake.scenario}-stats.csv" enabled
    destination "ConsoleDestination" every 5.percent
  message "plain.txt" 10.times headers ["hello":"hi!"] myProp "value" validateWith "text1"
  message content "Hello World!"
  validation fastForward false disabled
    validator "text1" "RegexValidator" pattern "I am a fish!"
end
```

# Now It Is Your Turn!

**#23 Add check for code-style, code coverage and license** university project

<https://github.com/PerfCake/PerfCake/issues/23>

Missing just the code-style plugin.

**#50 Increase code coverage** university project

<https://github.com/PerfCake/PerfCake/issues/50>

Tests, tests, tests. Nobody is perfect, neither are we. We need more tests.







**#140 Develop Validators integration test** university project

<https://github.com/PerfCake/PerfCake/issues/140>

We have no clue whether the validation works as expected. Anyone to prove?

# Some More Challenges

## Open Source Contest 2014

-  **Implement script sender** enhancement open source contest  0  
#139 opened 6 days ago by marvec Release 4.0
-  **Add support for classpath definition to the Groovy sender** enhancement open source contest  0  
#138 opened 6 days ago by marvec Release 4.0
-  **Implement InfluxDB destination** enhancement open source contest  0  
#137 opened 7 days ago by marvec Release 4.0
-  **Implement ChannelSender** cake enhancement open source contest  0  
#100 opened on 11 Mar by pmacik

# Links

- [www.perfcake.org](http://www.perfcake.org)
- [github.com/PerfCake/PerfCake/issues](https://github.com/PerfCake/PerfCake/issues)
- [site.perfcake.org](http://site.perfcake.org)
- [javadoc.perfcake.org](http://javadoc.perfcake.org)
- [perfcake.ci.cloudbees.com](https://perfcake.ci.cloudbees.com)
- [twitter.com/perfcaketool](https://twitter.com/perfcaketool)
- [perfcake.blogspot.com](http://perfcake.blogspot.com)



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