



Yardstick Framework Code Documentation

Release draft (ddb245a)

OPNFV

June 14, 2016

CONTENTS

1	yardstick	1
1.1	yardstick package	1

YARDSTICK

1.1 yardstick package

1.1.1 Subpackages

yardstick.benchmark package

Subpackages

yardstick.benchmark.contexts package

Submodules

yardstick.benchmark.contexts.base module

yardstick.benchmark.contexts.dummy module

yardstick.benchmark.contexts.heat module

yardstick.benchmark.contexts.model module

yardstick.benchmark.contexts.node module

Module contents

yardstick.benchmark.runners package

Submodules

yardstick.benchmark.runners.arithmetic module

yardstick.benchmark.runners.base module

`yardstick.benchmark.runners.duration` module

`yardstick.benchmark.runners.iteration` module

`yardstick.benchmark.runners.sequence` module

Module contents

`yardstick.benchmark.scenarios` package

Subpackages

`yardstick.benchmark.scenarios.availability` package

Subpackages

`yardstick.benchmark.scenarios.availability.attacker` package

Submodules

`yardstick.benchmark.scenarios.availability.attacker.attacker_baremetal` module

`yardstick.benchmark.scenarios.availability.attacker.attacker_general` module

`yardstick.benchmark.scenarios.availability.attacker.attacker_process` module

`yardstick.benchmark.scenarios.availability.attacker.baseattacker` module

Module contents

`yardstick.benchmark.scenarios.availability.monitor` package

Submodules

`yardstick.benchmark.scenarios.availability.monitor.basemonitor` module

`yardstick.benchmark.scenarios.availability.monitor.monitor_command` module

`yardstick.benchmark.scenarios.availability.monitor.monitor_process` module

Module contents

Submodules

yardstick.benchmark.scenarios.availability.serviceha module

yardstick.benchmark.scenarios.availability.util module

Module contents

yardstick.benchmark.scenarios.compute package

Submodules

yardstick.benchmark.scenarios.compute.cachestat module

yardstick.benchmark.scenarios.compute.computecapacity module

yardstick.benchmark.scenarios.compute.cpload module

yardstick.benchmark.scenarios.compute.cyclictest module

yardstick.benchmark.scenarios.compute.lmbench module

yardstick.benchmark.scenarios.compute.memload module

yardstick.benchmark.scenarios.compute.perf module

yardstick.benchmark.scenarios.compute.ramspeed module

yardstick.benchmark.scenarios.compute.unixbench module

Module contents

yardstick.benchmark.scenarios.dummy package

Submodules

yardstick.benchmark.scenarios.dummy.dummy module

Module contents

yardstick.benchmark.scenarios.networking package

Submodules

yardstick.benchmark.scenarios.networking.iperf3 module

yardstick.benchmark.scenarios.networking.netperf module

yardstick.benchmark.scenarios.networking.ping module

yardstick.benchmark.scenarios.networking.ping6 module

yardstick.benchmark.scenarios.networking.pktgen module

yardstick.benchmark.scenarios.networking.sfc module

yardstick.benchmark.scenarios.networking.vtc_instantiation_validation module

yardstick.benchmark.scenarios.networking.vtc_instantiation_validation_noisy module

yardstick.benchmark.scenarios.networking.vtc_throughput module

yardstick.benchmark.scenarios.networking.vtc_throughput_noisy module

Module contents

yardstick.benchmark.scenarios.parser package

Submodules

yardstick.benchmark.scenarios.parser.parser module

Module contents

yardstick.benchmark.scenarios.storage package

Submodules

yardstick.benchmark.scenarios.storage.fio module

Module contents

Submodules

yardstick.benchmark.scenarios.base module

Module contents

Module contents

yardstick.cmd package

Subpackages

yardstick.cmd.commands package

Submodules

yardstick.cmd.commands.runner module

yardstick.cmd.commands.scenario module

yardstick.cmd.commands.task module

yardstick.cmd.commands.testcase module

Module contents

Submodules

yardstick.cmd.cli module

Module contents

yardstick.common package

Submodules

yardstick.common.task_template module

yardstick.common.template_format module

yardstick.common.utils module

Module contents

yardstick.dispatcher package

Submodules

yardstick.dispatcher.base module

yardstick.dispatcher.file module

yardstick.dispatcher.http module

yardstick.dispatcher.influxdb module

yardstick.dispatcher.influxdb_line_protocol module

Module contents

yardstick.orchestrator package

Submodules

yardstick.orchestrator.heat module

Module contents

yardstick.plot package

Submodules

yardstick.plot.plotter module

Module contents

yardstick package

Module contents

yardstick.vTC.apexlake package

Subpackages

yardstick.vTC.apexlake.experimental_framework package

Subpackages

yardstick.vTC.apexlake.experimental_framework.benchmarks package

Submodules

yardstick.vTC.apexlake.experimental_framework.benchmarks.benchmark_base_class module

yardstick.vTC.apexlake.experimental_framework.benchmarks.instantiation_validation_benchmark module

yardstick.vTC.apexlake.experimental_framework.benchmarks.instantiation_validation_noisy_neighbors_benchmark module

yardstick.vTC.apexlake.experimental_framework.benchmarks.multi_tenancy_throughput_benchmark module

yardstick.vTC.apexlake.experimental_framework.benchmarks.rfc2544_throughput_benchmark module

yardstick.vTC.apexlake.experimental_framework.benchmarks.test_benchmark module

Module contents

yardstick.vTC.apexlake.experimental_framework.constants package

Submodules

yardstick.vTC.apexlake.experimental_framework.constants.conf_file_sections module

yardstick.vTC.apexlake.experimental_framework.constants.framework_parameters module

Module contents

yardstick.vTC.apexlake.experimental_framework.libraries package

Module contents

`yardstick.vTC.apexlake.experimental_framework.packet_generators` package

Submodules

`yardstick.vTC.apexlake.experimental_framework.packet_generators.base_packet_generator` module

`yardstick.vTC.apexlake.experimental_framework.packet_generators.dpdk_packet_generator` module

Module contents

Submodules

`yardstick.vTC.apexlake.experimental_framework.api` module

`yardstick.vTC.apexlake.experimental_framework.benchmarking_unit` module

`yardstick.vTC.apexlake.experimental_framework.common` module

`yardstick.vTC.apexlake.experimental_framework.deployment_unit` module

`yardstick.vTC.apexlake.experimental_framework.heat_manager` module

`yardstick.vTC.apexlake.experimental_framework.heat_template_generation` module

Module contents

Submodules

`yardstick.vTC.apexlake.setup` module

Module contents

Module contents

1.1.2 Submodules

1.1.3 `yardstick.main` module

1.1.4 `yardstick.ssh` module

1.1.5 Module contents