

# Configuration

## Configuration

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## System properties

Following properties are supported by command line. System properties override file configuration.

Property	Meaning	Default
skipCentralRegistry	Don't use central registry, neither for registering, nor for lookup. Useful in p2p mode.	false
localRmiRegistryPort	Port on which local rmi registry should run	-
registryContainerHost	Host where central registry is running. This can also be configured via <i>distributeme.json</i>	-
registryContainerPort	Port where central registry is running. This can also be configured via <i>distributeme.json</i>	9229
localRmiRegistryMinPort	Starting range for local registry.	9250
localRmiRegistryMaxPort	Finishing range for local registry. Each service needs one port, which means that the default allows only 49 services on one host	9299
serviceBindingPort	Binding port for the service. If not specified 0 is used, which is interpreted as random. Useful for firewalls.	0

## Configuration file

It is possible to run distributeme with system properties only. However, if you run with configuration file (recommended) this is the minimal file you should have in your **CLASSPATH**.

### distributeme.json

```
{
  registryContainerHost: "127.0.0.1",
  registryContainerPort: 9229,
}
```

But the configuration file can contain more options, here an example.

**distributeme.json**

```
{
  registryContainerPort: 9229,
  registryContainerHost: "biz1.blue.parship.office",

  //if true the server will log all exceptions including expected exception (defined by the interface),
  otherwise expected exceptions will be ignored
  logServerSideExceptions: false,
  //if true the client (stub) will log all caught exceptions (remote exception and runtime exceptions)
  logClientSideExceptions: false,

  //registrationIpMapping: "192.168.200.5:10.0.0.0",

  "listener.1": "org.distributeme.core.listener.ServerLifecycleSysOutPrinterListener",
  "interceptor.1": "org.distributeme.core.interceptor.availabilitytesting.
ServiceUnavailableByPropertyInterceptor",
  "interceptor.2": "org.distributeme.core.interceptor.availabilitytesting.
ServerSideSlowDownByPropertyInterceptor",
  "interceptor.3": "org.distributeme.core.interceptor.availabilitytesting.
ServerSideSlowDownByConfigurationInterceptor",

  test: {
    bolbat: {
      registryContainerPort: 8080,
      registryContainerHost: "localhost",
    },
    interceptors: {
//      "interceptor.1": "org.distributeme.test.interception.interceptor.
LogOutBeforeCallInterceptor",
      "interceptor.2": "org.distributeme.test.interception.interceptor.
InterceptSumInterceptor",
      "interceptor.3": "org.distributeme.test.interception.interceptor.
ModifyReturnValueInterceptor",
      "interceptor.4": "org.distributeme.test.interception.interceptor.
InterceptInClientInterceptor",
      "interceptor.5": "org.distributeme.test.interception.interceptor.
InspectParameterExample",
      "interceptor.6": "org.distributeme.test.interception.interceptor.
PiggybackingInterceptor",
      "interceptor.10": "org.distributeme.core.interceptor.moskito.MoskitoJourneyInterceptor",
//      "interceptor.50": "org.distributeme.test.interception.interceptor.
LogOutAfterCallInterceptor",
    },

    "flip": {
      "interceptor.1": "org.distributeme.core.interceptor.availabilitytesting.
FlippingServiceUnavailableByConfigurationInterceptor",
      "interceptor.2": "org.distributeme.core.interceptor.availabilitytesting.
FlippingServerSideSlowDownByConfigurationInterceptor",
      "interceptor.3": "org.distributeme.core.interceptor.availabilitytesting.
FlippingServerSideSlowDownByConfigurationInterceptor",
    },
  }
}
```