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| **Property** | **Description** |
| java | Specifies the fully qualified java command to run. By default, it is simply java but could be changed to an absolute path or a reference an environment variable, such as $JAVA\_HOME/bin/java |
| run.as | The username to run NiFi as. For instance, if NiFi should be run as the nifi user, setting this value to nifi will cause the NiFi Process to be run as the nifi user. This property is ignored on Windows. For Linux, the specified user may require sudo permissions. |
| lib.dir | The *lib* directory to use for NiFi. By default, this is set to ./lib |
| conf.dir | The *conf* directory to use for NiFi. By default, this is set to ./conf |
| graceful.shutdown.seconds | When NiFi is instructed to shutdown, the Bootstrap will wait this number of seconds for the process to shutdown cleanly. At this amount of time, if the service is still running, the Bootstrap will kill the process, or terminate it abruptly. |
| java.arg.N | Any number of JVM arguments can be passed to the NiFi JVM when the process is started. These arguments are defined by adding properties to *bootstrap.conf* that begin with java.arg.. The rest of the property name is not relevant, other than to differentiate property names, and will be ignored. The default includes properties for minimum and maximum Java Heap size, the garbage collector to use, etc. |
| notification.services.file | When NiFi is started, or stopped, or when the Bootstrap detects that NiFi has died, the Bootstrap is able to send notifications of these events to interested parties. This is configured by specifying an XML file that defines which notification services can be used. More about this file can be found in the [Notification Services](https://nifi.apache.org/docs/nifi-docs/html/administration-guide.html#notification_services) section. |
| notification.max.attempts | If a notification service is configured but is unable to perform its function, it will try again up to a maximum number of attempts. This property configures what that maximum number of attempts is. The default value is 5. |
| nifi.start.notification.services | This property is a comma-separated list of Notification Service identifiers that correspond to the Notification Services defined in the notification.services.file property. The services with the specified identifiers will be used to notify their configured recipients whenever NiFi is started. |
| nifi.stop.notification.services | This property is a comma-separated list of Notification Service identifiers that correspond to the Notification Services defined in the notification.services.file property. The services with the specified identifiers will be used to notify their configured recipients whenever NiFi is stopped. |
| nifi.died.notification.services | This property is a comma-separated list of Notification Service identifiers that correspond to the Notification Services defined in the notification.services.file property. The services with the specified identifiers will be used to notify their configured recipients if the bootstrap determines that NiFi has unexpectedly died. |

**Properties:**

**Bootstrap.conf**