Docs

[User Manual](http://docs.google.com/userguide/userguide.html)

[Guides and Tutorials](https://guides.gradle.org)

[DSL Reference](http://docs.google.com/dsl/)

[Javadoc](http://docs.google.com/javadoc/)

[Release Notes](http://docs.google.com/release-notes.html)

[Forums](https://discuss.gradle.org/)

[Training](https://gradle.org/training/)

[Try Gradle Enterprise](https://gradle.com/enterprise)

[PDF](http://docs.google.com/userguide/userguide.pdf)

* [User Manual Home](http://docs.google.com/userguide/userguide.html)
* [Release Notes](http://docs.google.com/release-notes.html)
* [Installing Gradle](http://docs.google.com/userguide/installation.html)
* [Tutorials](https://guides.gradle.org/)

### Reference

* [Groovy DSL Reference](http://docs.google.com/dsl/)
* [Gradle API Javadoc](http://docs.google.com/javadoc/)
* [Core Plugins](http://docs.google.com/userguide/plugin_reference.html)
* [Gradle & Third-party Tools](http://docs.google.com/userguide/third_party_integration.html)

### Getting Started

* [Creating New Gradle Builds](https://guides.gradle.org/creating-new-gradle-builds/)
* [Creating Build Scans](https://guides.gradle.org/creating-build-scans/)
* [Migrating From Maven](https://guides.gradle.org/migrating-from-maven/)

### Running Gradle Builds

* [Command-Line Interface](http://docs.google.com/userguide/command_line_interface.html)
* [Customizing Execution](#gjdgxs)
  + [Configuring the Build Environment](http://docs.google.com/userguide/build_environment.html)
  + [Configuring the Gradle Daemon](http://docs.google.com/userguide/gradle_daemon.html)
  + [Initialization Scripts](http://docs.google.com/userguide/init_scripts.html)
* [Directory Layout](http://docs.google.com/userguide/directory_layout.html)
* [Executing Multi-Project Builds](http://docs.google.com/userguide/intro_multi_project_builds.html)
* [Gradle Wrapper](http://docs.google.com/userguide/gradle_wrapper.html)
* [Troubleshooting](http://docs.google.com/userguide/troubleshooting.html)
* [Using Build Scans](https://docs.gradle.com/build-scan-plugin)
* [Enabling and Configuring the Build Cache](http://docs.google.com/userguide/build_cache.html)
* [Integrating Separate Gradle Builds (Composite Builds)](http://docs.google.com/userguide/composite_builds.html)

### Authoring Gradle Builds

* [Fundamentals](#30j0zll)
  + [Introducing the Basics of Build Scripts](http://docs.google.com/userguide/tutorial_using_tasks.html)
  + [Working with Tasks](http://docs.google.com/userguide/more_about_tasks.html)
  + [Learning More About Build Scripts](http://docs.google.com/userguide/writing_build_scripts.html)
  + [Working with Files](http://docs.google.com/userguide/working_with_files.html)
  + [Creating Custom Task Types](http://docs.google.com/userguide/custom_tasks.html)
  + [Using Gradle Plugins](http://docs.google.com/userguide/plugins.html)
  + [The Standard Gradle Plugins](http://docs.google.com/userguide/standard_plugins.html)
  + [Understanding the Build Lifecycle](http://docs.google.com/userguide/build_lifecycle.html)
  + [Working with Logging](http://docs.google.com/userguide/logging.html)
  + [Configuring Multi-Project Builds](http://docs.google.com/userguide/multi_project_builds.html)
* [Best Practices](#1fob9te)
  + [Authoring Maintainable Build Scripts](http://docs.google.com/userguide/authoring_maintainable_build_scripts.html)
  + [Organizing Gradle Projects](http://docs.google.com/userguide/organizing_gradle_projects.html)
  + [Optimizing Build Performance](https://guides.gradle.org/performance/)
  + [Using the Build Cache](https://guides.gradle.org/using-build-cache/)
* [Dependency Management](#3znysh7)
  + [Introduction to Dependency Management](http://docs.google.com/userguide/introduction_dependency_management.html)
  + [Dependency Management Terminology](http://docs.google.com/userguide/dependency_management_terminology.html)
  + [Dependency Types](http://docs.google.com/userguide/dependency_types.html)
  + [Repository Types](http://docs.google.com/userguide/repository_types.html)
  + [Declaring Dependencies](http://docs.google.com/userguide/declaring_dependencies.html)
  + [Declaring Repositories](http://docs.google.com/userguide/declaring_repositories.html)
  + [Inspecting Dependencies](http://docs.google.com/userguide/inspecting_dependencies.html)
  + [Managing Dependency Configurations](http://docs.google.com/userguide/managing_dependency_configurations.html)
  + [Managing Transitive Dependencies](http://docs.google.com/userguide/managing_transitive_dependencies.html)
  + [Dependency Locking](http://docs.google.com/userguide/dependency_locking.html)
  + [Troubleshooting Dependency Resolution](http://docs.google.com/userguide/troubleshooting_dependency_resolution.html)
  + [Customizing Dependency Resolution Behavior](http://docs.google.com/userguide/customizing_dependency_resolution_behavior.html)
  + [Dependency Cache Internals](http://docs.google.com/userguide/dependency_cache.html)
  + [Working with Dependencies](http://docs.google.com/userguide/working_with_dependencies.html)
* [Publishing Artifacts](http://docs.google.com/userguide/artifact_management.html)
* [C++ Projects](#2et92p0)
  + [Building Native Software](http://docs.google.com/userguide/native_software.html)
  + [Software Model Concepts](http://docs.google.com/userguide/software_model_concepts.html)
  + [Rule-based Model Configuration](http://docs.google.com/userguide/software_model.html)
  + [Implementing Model Rules in a Plugin](http://docs.google.com/userguide/rule_source.html)
  + [Extending the Software Model](http://docs.google.com/userguide/software_model_extend.html)
* [Java Projects](#tyjcwt)
  + [Building Java & JVM projects](http://docs.google.com/userguide/building_java_projects.html)
  + [Testing Java & JVM projects](http://docs.google.com/userguide/java_testing.html)
* [Advanced Techniques](#3dy6vkm)
  + [Configuring Tasks Lazily](http://docs.google.com/userguide/lazy_configuration.html)
  + [Developing Parallel Tasks](https://guides.gradle.org/using-the-worker-api/)
  + [Testing Your Build with TestKit](http://docs.google.com/userguide/test_kit.html)
  + [Using Ant from Gradle](http://docs.google.com/userguide/ant.html)
* [Sample Gradle builds](#1t3h5sf)
  + [Groovy DSL Samples](https://github.com/gradle/gradle/tree/master/subprojects/docs/src/samples)
  + [Kotlin DSL Samples](https://github.com/gradle/kotlin-dsl/tree/master/samples)

### Extending Gradle

* [Writing Custom Plugins](http://docs.google.com/userguide/custom_plugins.html)
* [Plugin Development Guides](https://gradle.org/guides/?q=Plugin+Development)

[Edit this page](https://github.com/gradle/gradle/edit/master/subprojects/docs/src/docs/userguide/)

# The Announce Plugin

Contents

[Usage](#4d34og8)

[Configuration](#2s8eyo1)

The Gradle announce plugin allows you to send custom announcements during a build. The following notification systems are supported:

* [Twitter](https://twitter.com)
* [notify-send](http://manpages.ubuntu.com/manpages/xenial/man1/notify-send.1.html) (Ubuntu)
* [Snarl](https://sites.google.com/site/snarlapp/home) (Windows)
* [Growl](http://growl.info/) (macOS)

[Usage](#4d34og8)

To use the announce plugin, apply it to your build script:

[Example: Applying the announce plugin](#17dp8vu)

**build.gradle**

apply plugin: 'announce'

[Configuration](#2s8eyo1)

| **✨** | See also the [AnnouncePluginExtension](http://docs.google.com/dsl/org.gradle.api.plugins.announce.AnnouncePluginExtension.html) class in the API documentation. |
| --- | --- |

Configure your notification service(s) of choice (see table below for which configuration properties are available):

[Example: Configure the announce plugin](#3rdcrjn)

**build.gradle**

announce {  
 username = 'myId'  
 password = 'myPassword'  
}

Finally, send announcements with the announce method:

[Example: Using the announce plugin](#26in1rg)

**build.gradle**

task helloWorld {  
 doLast {  
 println "Hello, world!"  
 }  
}  
  
helloWorld.doLast {  
 announce.announce("helloWorld completed!", "twitter")  
 announce.announce("helloWorld completed!", "local")  
}

The announce method takes two String arguments: The message to be sent, and the notification service to be used. The following list shows supported notification services and their configuration properties.

[Supported notification services](#lnxbz9)

twitter

Works on all operating systems. Requires username and password.

snarl

Windows only. Requires no extra configuration.

growl

macOS only. Requires no extra configuration.

notify-send

Ubuntu only. Requires the notify-send package to be installed. Use sudo apt-get install libnotify-bin to install it.

local

Automatically chooses between snarl, growl, and notify-send depending on the current operating system.

Docs

* [User Manual](http://docs.google.com/userguide/userguide.html)
* [DSL Reference](http://docs.google.com/dsl/)
* [Release Notes](http://docs.google.com/release-notes.html)
* [Javadoc](http://docs.google.com/javadoc/)

News

* [Blog](https://blog.gradle.org/)
* [Newsletter](https://newsletter.gradle.com/)
* [Twitter](https://twitter.com/gradle)

Products

* [Build Scans](https://gradle.com/build-scans)
* [Build Cache](https://gradle.com/build-cache)
* [Enterprise Docs](https://gradle.com/enterprise/resources)

Get Help

* [Forums](https://discuss.gradle.org/c/help-discuss)
* [GitHub](https://github.com/gradle/)
* [Training](https://gradle.org/training/)
* [Services](https://gradle.org/services/)

Subscribe for important Gradle updates and news

Subscribe

By entering your email, you agree to our [Terms](https://gradle.org/terms/) and [Privacy Policy](https://gradle.org/privacy/), including receipt of emails. You can unsubscribe at any time.

© [Gradle Inc.](https://gradle.com) 2018 All rights reserved.

[Careers](https://gradle.com/careers) | [Privacy](https://gradle.org/privacy) | [Terms of Service](https://gradle.org/terms) | [Contact](https://gradle.org/contact/)