

# About Usages

Usages is a Java API usage analyzer.

GitHub Repository	<a href="https://github.com/Devexperts/usages">https://github.com/Devexperts/usages</a>
Public Maven repo	-
License	GPLv3
Contact	<a href="mailto:dxlab@devexperts.com">dxlab@devexperts.com</a>

Server and IntelliJ IDEA plugin artifacts.



**Attention!** They are unstable now.

**README.md** (source from usages)

## Usages Analysis Tool

This tool finds code usages in the specified Maven repositories. It indexes repositories, downloads required artifacts and scans ".class" files in them. The tool analyzes all kinds of dependencies: usages of fields, usages of methods, extensions of classes and implementation of interfaces, usages of annotations, overrides of methods.

The tool is separated into 2 parts: server application, which collects all information and analyzes classes, and a client one, which is implemented as IntelliJ Plugin. Both of them are currently in development, but alpha versions are available on our portal. <https://code.devexperts.com/display/USAGES/About+Usages>

## Server

Server part of the tool is a Java application and could be run simply:

```
java -jar server- $\{version\}$ .jar
```

## Configuration properties

All parameters are passed as system variables (-D<name>=<value>)

- **server.port** - defines server port, which is used for find usages requests, *8080* by default;
- **usages.workDir** - defines working directory for *settings.xml* (see section below) and work files (e.g. caches, database), *~/usages/* by default.

## Repositories indexing configuration

You need to provide information about your repositories in  $\{usages.workDir\}/settings.xml$  file. See the example below.

```
<settings>
  <!-- Repositories to be indexed>
  <repositories>
    <repository>
      <id>qd</id>
      <url>https://maven.in.deveexperts.com/content/repositories/qd/</url>
      <!-- repository system, "nexus" or "artifactory" -->
      <type>nexus</type>
      <user>username</user>
      <password>password</password>
      <!-- scan repository for new artifacts every 3 hours -->
      <scanTimePeriod>3h</scanTimePeriod>
    </repository>
  <!-- Type of artifacts to be analyzed -->
  <artifactTypes>
    <type>jar</type>
    <type>war</type>
  </artifactTypes>
</settings>
```

## IntelliJ Plugin

Plugin for IntelliJ IDEA should be installed from disk using `idea-plugin-${version}.jar`. After the installation, set URL to usages server in plugin configuration (**Tools** → **Configure Usages plugin**). To perform find usages action use **CTRL + F9** (for simple search) or **ALT + CTRL + SHIFT + F9** (with configuration before the search) shortcut when you are on the element to be searched for.