

■ Maven Central beta

Search API Reference

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Bookmarkable URLs

These URLs represent the search functionality available in Maven Central. They will function only when requested by a modern, Javascript-enabled web browser. These URLs can be bookmarked and e-mailed. If you wish to call Maven Central's search functionality programmatically, refer to the REST API section of this document.

NOTE: Most of the URLs in this document have been URL-decoded for the sake of readability. They should work when pasted into a web browser, but you may have to URL-encode them to function when called programmatically.

URL	Description
http://search.maven.org/#search ga 1 guice	Mimics typing "guice" in the basic search box. Returns first page of artifacts with "guice" in the groupld or artifactId and lists details for most recent version released.
http://search.maven.org/#search gav 1 g:"com.google.inject"+AND+a:"guice"	Mimics clicking the link for all versions of groupId "com.google. inject" and artifactId "guice." Returns sorted list of all versions of an artifact.
http://search.maven.org/#search ga 1 g:"com.google.inject"	Search for all artifacts in the groupld "com.google.inject." For each artifact, returns details for the most recent version released.
http://search.maven.org/#search ga 1 a:"guice"	Search for any artifactId named "guice," irrespective of groupId. For each artifact returns details for the most recent version released.
http://search.maven.org/#artifactdetails com.google.inject guice 3.0 jar	Returns artifact details for groupld "com.google.inject," artifactId "guice," version "3.0," with packaging "jar." The packaging is optional, but the trailing " " is not.
http://search.maven.org/remotecontent?filepath=com/jolira/guice/3.0.0/guice-3.0.0.pom	Downloads a file at the given path from the Central Repository (http://repo1.maven.org/maven2/ and its mirrors).
http://search.maven.org/#search ga 1 g:"com.google.inject"%20 AND%20a:"guice"%20AND%20v:"3.0"%20AND%20I:"javadoc"%20 AND%20p:"jar"	Mimics searching by coordinate in Advanced Search. This search uses all coordinates ("g" for groupld, "a" for artifactld, "v" for version, "p" for packaging, "I" for classifier) and uses "AND" to require all terms by default. Only one term is required for the search to work. Terms can also be connected by "OR" separated to make them optional.
http://search.maven.org/#search ga 1 c:"junit"	Mimics searching by classname in Advanced Search. Returns a list of artifacts, down to the specific version, containing the class.
http://search.maven.org/#search ga 1 fc:"org.specs.runner.JUnit"	Mimics searching by fully-qualified classname in Advanced Search. Returns a list of artifacts, down to the specific version containing the class.
http://search.maven.org/#search ga 1 1:"35379fb6526fd019f33154 2b4e9ae2e566c57933"	Mimics searching by SHA-1 Checksum in Advanced Search. You will need to calculate the SHA-1 for the file before sending the request to Maven Central.



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REST API

These URLs allow you to access the search functionality of Maven Central from any non-browser user agent. Note that the "wt" parameter present in every URL determines the format of the results. Setting "wt" equal to "json" will provide a JSON response, while setting "wt" equal to "xml" will provide the same response formatted as an XML document. Another common parameter is "rows," which limits the number of results returned by the server.

NOTE: Most of the URLs in this document have been URL-decoded for the sake of readability. They should work when pasted into a web browser, but you may have to URL-encode them to function when called programmatically.

URL	Description
http://search.maven.org/solrsearch/ select?q=guice&rows=20&wt=json	Mimics typing "guice" in the basic search box. Returns first page of artifacts with "guice" in the groupld or artifactId and lists details for most recent version released.
http://search.maven.org/solrsearch/select?q=g:"com.google.inject"+AND+a:"guice"&rows=20&wt=json	Mimics clicking the link for all versions of groupId "com.google. inject" and artifactId "guice." Returns sorted list of all versions of an artifact.
http://search.maven.org/solrsearch/select?q=g:"com.google.inject"&rows=20&wt=json	Search for all artifacts in the groupId "com.google.inject." For each artifact, returns details for the most recent version released.
http://search.maven.org/solrsearch/select?q=a:"guice"&rows=20&wt=json	Search for any artifactId named "guice," irrespective of groupId. For each artifact returns details for the most recent version released.
http://search.maven.org/remotecontent?filepath=com/jolira/guice/3.0.0/guice-3.0.0.pom	Downloads a file at the given path from the Central Repository (http://repo1.maven.org/maven2/ and its mirrors).
http://search.maven.org/solrsearch/select?q=g:"com.google.inject"%20AND%20a:"guice"%20AND%20v:"3.0"%20AND%20 l:"javadoc"%20AND%20p:"jar"&rows=20&wt=json	Mimics searching by coordinate in Advanced Search. This search uses all coordinates ("g" for groupld, "a" for artifactld, "v" for version, "p" for packaging, "l" for classifier) and uses "AND" to require all terms by default. Only one term is required for the search to work. Terms can also be connected by "OR" separated to make them optional.
http://search.maven.org/solrsearch/select?q=c:"junit"&rows=20& wt=json	Mimics searching by classname in Advanced Search. Returns a list of artifacts, down to the specific version, containing the class.
http://search.maven.org/solrsearch/select?q=fc:"org.specs.runner. JUnit"&rows=20&wt=json	Mimics searching by fully-qualified classname in Advanced Search. Returns a list of artifacts, down to the specific version containing the class.
http://search.maven.org/solrsearch/select?q=1:"35379fb6526fd019f331542b4e9ae2e566c57933"&rows=20&wt=json	Mimics searching by SHA-1 Checksum in Advanced Search. You will need to calculate the SHA-1 for the file before sending the request to Maven Central.