

Install Syncope from installer



Version warning

The content below is for Apache Syncope 1.2 - for later versions the [Getting Started](#) guide is available.

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Introduction

Starting from Apache Syncope 1.2.0 an installer package is [available](#), its purpose is to download, configure and deploy a Syncope instance in one of the supported servers.

Prerequisites

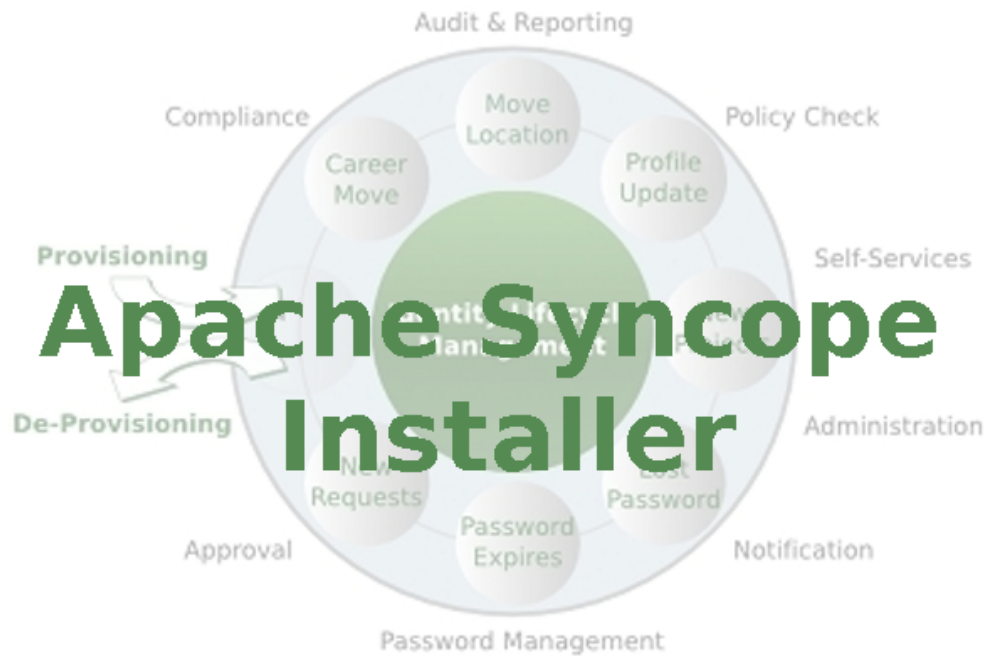
- [Apache Maven](#) (version 3.0.3 or higher) installed
- [Configure](#) data source in your application server
- Supported container up and running
- Supported DBMS up and running

Running

Just double-click the downloaded JAR file or execute via CLI:

```
$ java -jar syncope-installer-*-uber.jar
```

Installation step by step



Apache Syncope Installer

(Made with IzPack - <http://izpack.org/>)

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Please read the following information:

Prerequisites

Introduction

The preferred way to create a Syncope project is to generate a Maven project starting from published archetype.

Hence you need:

1. Java SE Development Kit 6 (version 1.6.0-23 or higher) installed;
2. [Apache Maven \(version 3.0.3 or higher\) installed](#);
3. Some basic knowledge about Maven;
4. Some basic knowledge about [Maven WAR overlays](#);
5. Some basic knowledge about [Maven archetypes](#).

To remind

Before to start with Apache Syncope installation carefully reading follow points:

- [Configure](#) data source in your application server;
- Sure you have DB up and running;
- Sure you have container up and running.

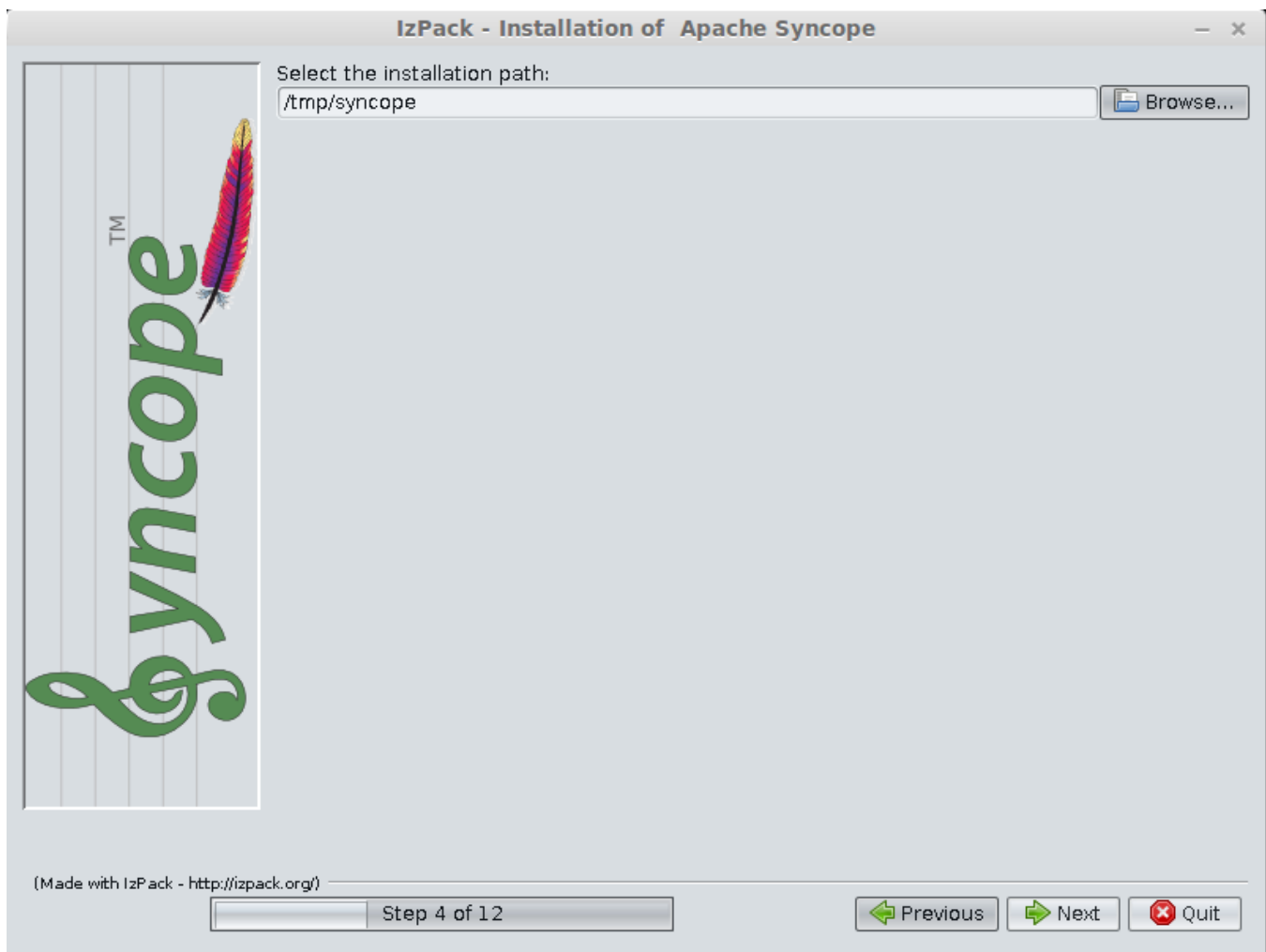
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- **Installation path:** is directory where Syncope overlay will be created

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Maven



Maven home directory:

GroupId:

ArtifactId:

SecretKey:

Anonymous Key:

Conf directory name:

Log directory name:

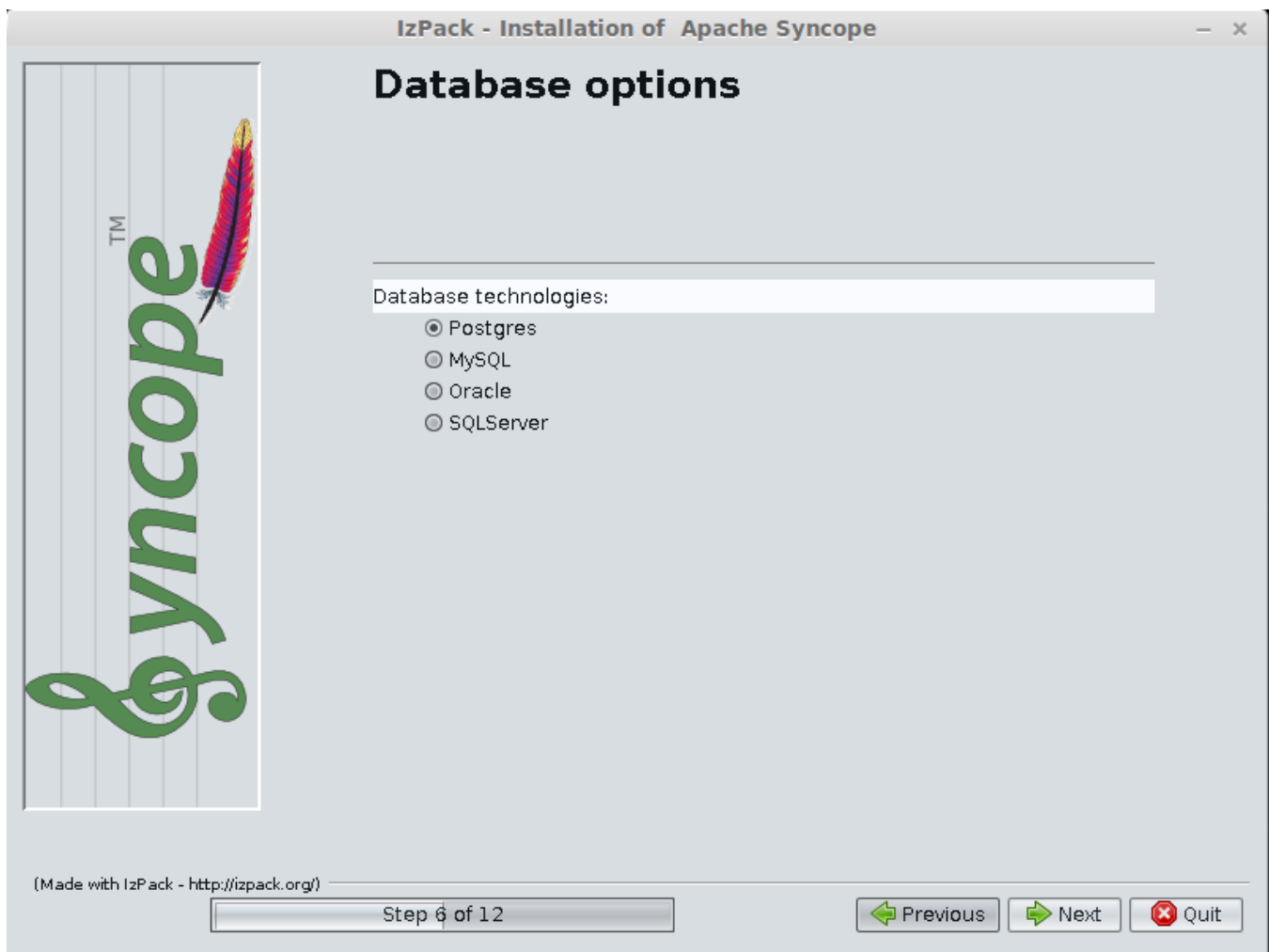
Bundle directory name:

Syncope Version:

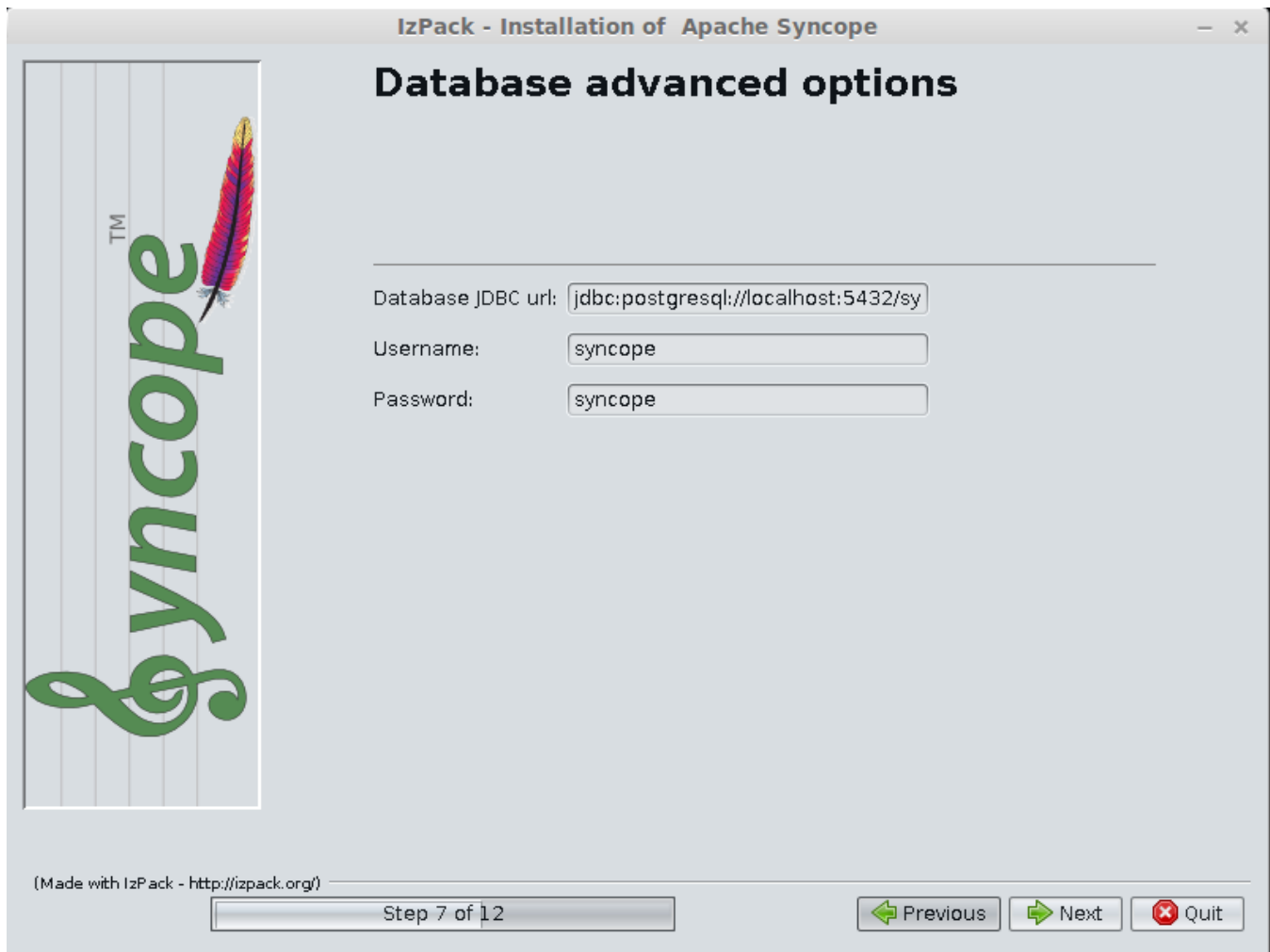
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- **Maven home directory:** is the Maven home directory;
- **Group ID:** something like 'com.mycompany' - maven overlay property;
- **Artifact ID:** something like 'myproject' - maven overlay property;
- **Secret Key:** Provide any pseudo-random, 16 character length, string here that will be used in the generated project for AES ciphering;
- **Anonymous Key:** - Provide any pseudo-random, 16 character length, string here that will be used in the generated project for AES ciphering;
- **Configuration directory:** where Syncope configuration files are stored;
- **Log directory:** where Syncope logs are stored;
- **Bundle directory:** where ConnId bundles are stored;
- **Syncope version:** the project version that would be to install.

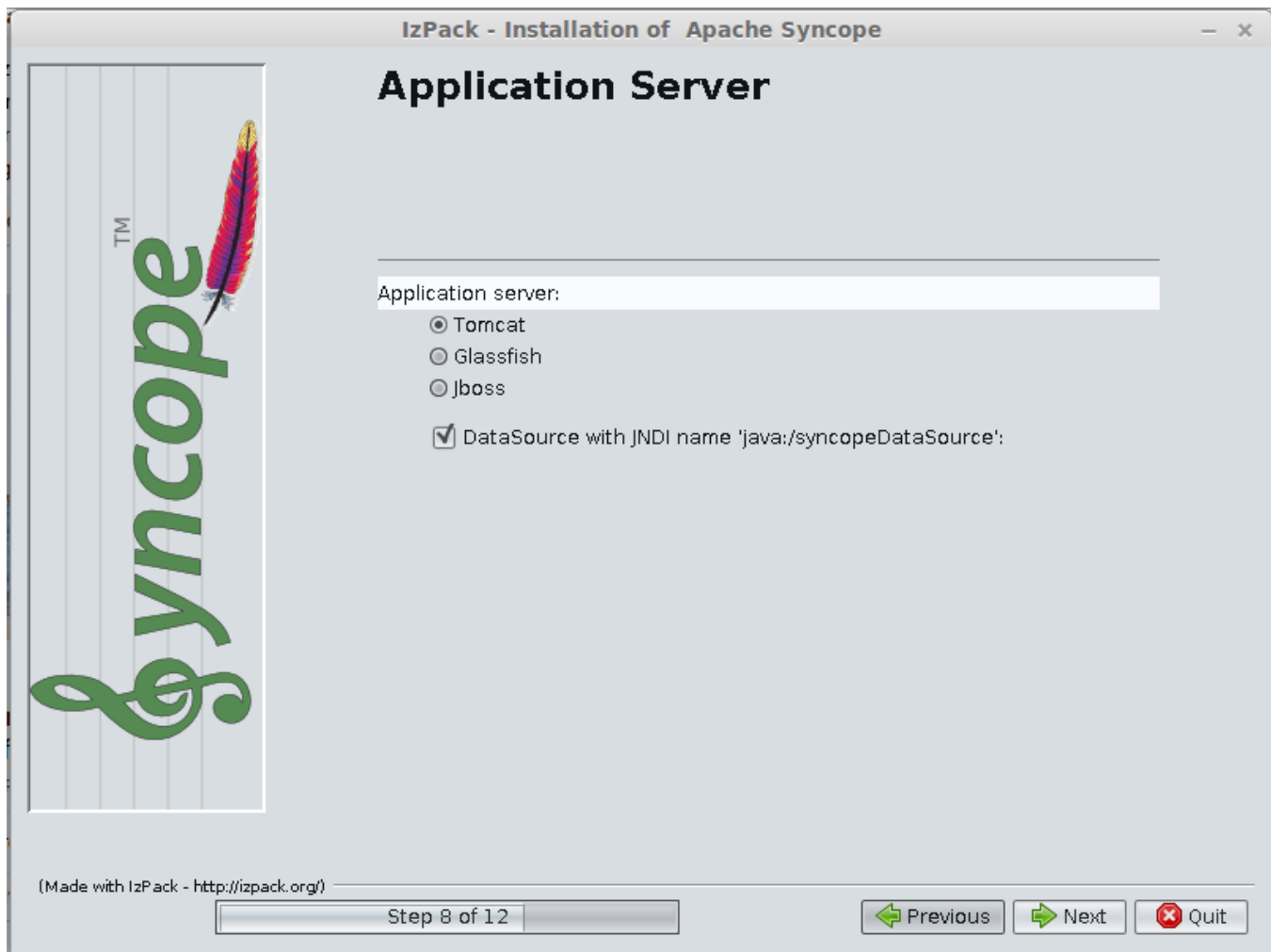


- DBMS where Syncope will be installed



Depends on DBMS selected (in the example: PostgreSQL)


- Database JDBS url
- Database user
- Database password



- Container where Syncope will be deployed

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Application Server



☐ Https

Tomcat host:

Tomcat port:

Tomcat username:

Tomcat password:

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Depends on container selected (in the example: Tomcat) - Remember to configure right DataSource on it and to configure Tomcat user like:

```
<?xml version='1.0' encoding='utf-8'?>
<tomcat-users>
<role rolename="manager-gui"/>
<role rolename="manager-script"/>
<role rolename="manager-jmx"/>
<role rolename="manager-status"/>
<user username="manager" password="s3cret" roles="manager-script"/>
</tomcat-users>
```

Processing

Archetype creation...

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Executing maven command:

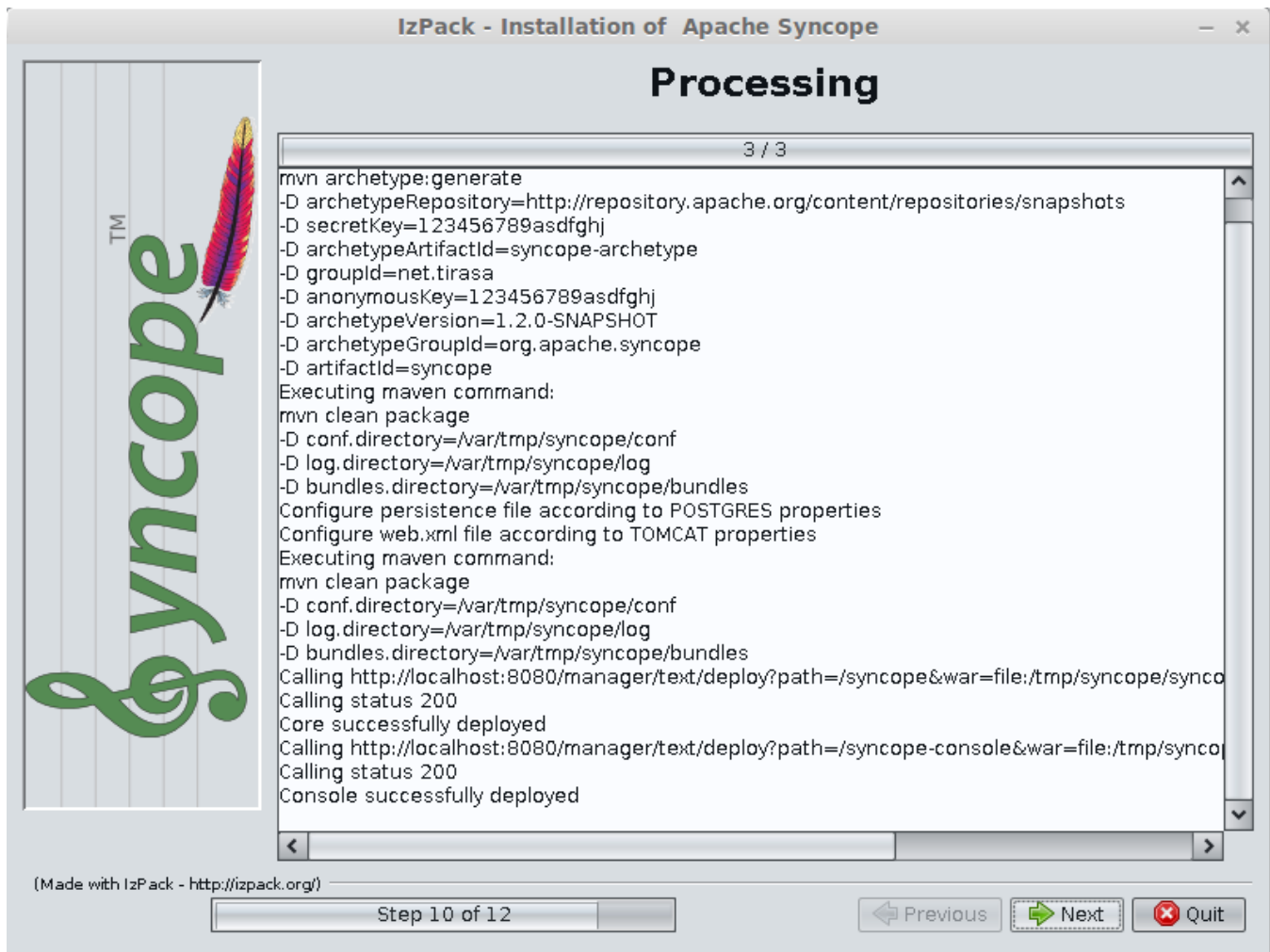
`mvn archetype:generate``-D archetypeRepository=http://repository.apache.org/content/repositories/snapshots``-D secretKey=123456789asdfghj``-D archetypeArtifactId=syncope-archetype``-D groupId=net.tirasa``-D anonymousKey=123456789asdfghj``-D archetypeVersion=1.2.0-SNAPSHOT``-D archetypeGroupId=org.apache.syncope``-D artifactId=syncope`(Made with IzPack - <http://izpack.org/>)

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Some feedbacks

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Installation has completed successfully.
An uninstaller program has been created in:
/tmp/syncope/Uninstaller

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 Done