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# Chapter 1. Defining deployment directories for JonasAdmin

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The JonasAdmin console allows the deployment of application modules installed in deployment directories.

By default, there is one deployment directory, which is `JONAS_BASE/depoy`.

There are two ways to define additional deployment directories.

## 1.1. The depmonitor service configuration

It is possible to define deployment directories by setting the *directories* property in the service configuration.

```
##### JOnAS Deployment Monitor #####  
  
jonas.service.depmonitor.directories dir1,dir2
```



### Note

Application modules installed in these directories (`deploy`, `dir1` and `dir2`) will be deployed at the server start-up.

If the depmonitor is configured in *development* mode, undeploying a module implies the removal of its file from the deployment directory. Otherwise, the module can be undeployed and re-deployed with JonasAdmin as many times as necessary.

## 1.2. The JOnAS repositories configuration

It is possible to specify deployment directories by defining them as *URL repositories*. This can be achieved in two ways:

- Add `directories` as `URL repositories` in the `JONAS_BASE/conf/initial-repositories.xml` file.
- Create a `repositories` list in a XML file (Deployment plans repositories [deployment-plans\_guide.html#deployment-plan-repositories]). This file has to be deployed at server start-up (put it in the `JONAS_BASE/depoy` directory).

### Example 1.1. Example of a repository file defining directories for JAR and RAR modules

```
<?xml version="1.0" encoding="UTF-8"?>
<repositories
  xmlns="http://jonas.ow2.org/ns/deployment-plan/repositories/1.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="repositories-1.0.xsd">

  <repository id="jars-directory">
    <type>url</type>
    <url>file:///JONAS_BASE/ejbjars/</url>
  </repository>

  <repository id="rars-directory">
    <type>url</type>
    <url>file:///JONAS_BASE/rars/</url>
  </repository>

</repositories>
```



#### Note

Application modules installed in these directories will not be deployed at the server start-up. They can be un-deployed and re-deployed with JonasAdmin as many times as necessary.