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**EAR Ant task v.1.0**

**Project Documentation**



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## 1.1 User's Guide

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### EAR Ant task

Convenient EAR Ant task based on the JAR task, that generates the application.xml taken from a set of 'EAR module' adapted FileSets, in addition to inserting the files them self.

#### Parameters

Attribute	Description	Required
destFile	The EAR file to create.	Yes
displayName	Display name to insert into the application.xml	Yes
smallIcon	If present, will part of an 'icon' element of the application.xml	No
largeIcon	If present, will part of an 'icon' element of the application.xml	No

#### Nested element: metaInf

The nested metaInf element specifies a FileSet, having Parameters like includes, excludes, etc. All files included in this fileset will end up in the META-INF directory of the EAR file.

#### Nested element: module

The nested module element specifies a FileSet, having Parameters like includes, excludes, etc. In addition it specifies the type of the module. All files included in this fileset end up in the root directory of the EAR file and are added to the generated application.xml with the proper module xml tag. The module element accepts the following set of parameters.

Attribute	Description	Required
type	One of 'java', 'ejb', 'web' or 'connector'. Default is 'java'	Yes
context	Ignored for all other types than 'web'. Specifies the webapp name (context-root). If not defined, the base name of the WAR file(s) is used instead, prepended with '/'	No

#### Nested element: securityRole

The nested securityRole element defines an (optional) 'security-role' element in the generated application.xml file. The securityRole element accepts the following set of parameters.

Attribute	Description	Required
role	A security role	Yes
description	A description for the role	No

## Example

```
<eartask
  destFile      ="${dist.dir}/myApp.ear"
  displayName   ="The myApp EAR"
  description   ="Bla bla bla bla bla bla bla bla bla bla bla"
  smallIcon    ="myApp-16.gif"
  largeIcon    ="myApp-32.gif"
  >
  <metainf dir="${conf.dir}" includes="jboss-app.xml" />

  <module type="web" dir="${build.dir}" includes="*.war"
excludes="*-webapp.war" />
  <module type="web" dir="${build.dir}" includes="foo-webapp.war" context="/foo"
/>

  <module type="java" dir="${lib.dir}" includes="*.jar"
excludes="*-ejb.jar" />

  <module type="ejb" dir="${build.dir}" includes="*-ejb.jar" />

  <module type="connector" dir="${build.dir}" includes="*.rar" />

  <securityRole name="jBond" description="I. Flemming"/>
  <securityRole name="jClark" description="T. Clancy"/>
</eartask>
```

## Limitations

In this version of the task, there are no support for, (1) A different EAR DTD than version 1.3 (2) The 'alt-dd' element inside a module element, in application.xml

## 1.2 F.A.Q.

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### Frequently Asked Questions

#### General

1. [What is EAR Ant Task?](#)
2. [Why should I use this Ant task?](#)

#### General

##### General

What is EAR Ant Task?

It is an Ant task for generation of an J2EE application \*.ear file, where the included application.xml is generated automatically based on fileset look-a-likes.

Why should I use this Ant task?

This task is more convenient than the built-in task of Ant it self, which requires you to write the application.xml your self. That was something I got fed up with one day and that inspired me to write this task.

## 1.3 Changes

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### Release History

Version	Date	Description
<a href="#">1.0</a>	2004-01-15	

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### Release 1.0 - 2004-01-15

Type	Changes	By
	Initial release.	<a href="#">jens</a>

## 1.4 **JavaDoc API**

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## 1.5 **Documentation in PDF**

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## 2.1 **Binary Distribution**

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## 2.1.1 **ZIP**

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<http://www.ribomation.com/mavenrepo/eartask/distributions/eartask-1.0.zip>

## 2.1.2 **TAR GZ**

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<http://www.ribomation.com/mavenrepo/eartask/distributions/eartask-1.0.tar.gz>

## 2.2 **Source Distribution**

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## 2.2.1 **ZIP**

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<http://www.ribomation.com/mavenrepo/eartask/distributions/eartask-1.0-src.zip>

## 2.2.2 **TAR GZ**

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<http://www.ribomation.com/mavenrepo/eartask/distributions/eartask-1.0-src.tar.gz>

## 2.3 **Library JAR File**

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## 2.3.1 **JAR**

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<http://www.ribomation.com/mavenrepo/eartask/jars/eartask-1.0.jar>