

ANT - EXTENDING ANT

http://www.tutorialspoint.com/ant/ant_extending_ant.htm

Copyright © tutorialspoint.com

Ant comes with a predefined set of tasks, however you can create your own tasks, as shown in the example below.

Custom Ant Tasks should extend the **org.apache.tools.ant.Task** class and should extend the execute method. Below is a simple example:

```
package com.tutorialspoint.ant;

import org.apache.tools.ant.Task;
import org.apache.tools.ant.Project;
import org.apache.tools.ant.BuildException;

public class MyTask extends Task {
    String message;
    public void execute() throws BuildException {
        log("Message: " + message, Project.MSG_INFO);
    }

    public void setMessage(String message) {
        this.message= message;
    }
}
```

To execute the custom task, you need to add the following to the **Hello World** Fax web application:

```
<target name="custom">
    <taskdef name="custom" classname="com.tutorialspoint.ant.MyTask" />
    <custom message="Hello World!"/>
</target>
```

Executing the above custom task prints the message 'Hello World!'

```
c:\>ant custom
test:
[custom] Message : Hello World!
elapsed: 0.2 sec
BUILD PASSED
```

This is just a simple example, you can use the power of Ant to do whatever you want to improve your build and deployment process.

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js