

## TD : Ant+Ivy

Dépôt git : [https://github.com/Miafiaj/TD\\_Ant\\_Ivy.git](https://github.com/Miafiaj/TD_Ant_Ivy.git)

### **Exercice 4 :**

Le programme principal : Hello.java affiche les messages suivants : « standard message : hello ivy ! » et « capitalized by org.apache.commons.lang.WordUtils : Hello Ivy ! »

### **Exercice 6 :**

Dans la tâche go : le tag javac compile un projet Java avec, ici, comme paramètres : la location du fichier java, où mettre les fichiers compilés et le chemin vers les classes à prendre. Le tag java exécute le projet.

### **Exercice 7 :**

```
<target name="run" depends="go" description="-->run the project">
  <java classname="example.Hello">
    <classpath>
      <path refid="lib.path.id" />
      <path location="${build.dir}" />
    </classpath>
  </java>
</target>
```

### **Exercice 8 :**

Le tag « Ivy:cachedpath » représente le chemin pour accéder aux fichiers pour ant

### **Exercice 10 :**

Ant a téléchargé 6 artefacts.

### **Exercice 11 :**


```
<ivy-module version="2.0">

  <info organisation="apache" module="hello-ivy"/>
  <dependencies>

    <dependency org="com.opencsv" name="opencsv" rev="3.9">
      <artifact name="opencsv" type="jar"/>
    </dependency>
    <dependency org="commons-lang" name="commons-lang" rev="2.1">
      <artifact name="commons-lang" type="jar"/>
    </dependency>
```

```
</dependencies>
</ivy-module>
```

### Exercise 14-15 :



```
package example;

import java.io.*;
import java.util.List;

import com.opencsv.CSVReader;

/**
 * Hello world!
 *
 */
public class Hello {

    private static CSVReader reader;

    public static int max(int a, int b)
    {
        return a > b ? a:b;
        //return a;
    }

    public static void main( String[] args ) throws IOException
    {
        //int result = max(4,5);
        //System.out.println( "Max :" + result );
        int monmax=0;
        String nb;
        int temp;
        try
        {
            reader = new CSVReader(new FileReader("data.csv"),',');
            List<String[]>myEntries=reader.readAll();
            String[] test = null;
            for (int i =0; i<myEntries.size(); i++)
            {
                test=myEntries.get(i);
                //parcourt
                for (int j = 0; j<test.length; j++)
                {
                    nb=test[j];
                    System.out.println("Nombre lu : " + nb);
                    temp=Integer.parseInt(nb);
                    if (max(monmax,temp)!=monmax)
                    {
                        monmax=temp;
                    }
                }
            }
            System.out.println("Max :" + monmax);
        } catch (FileNotFoundException e)
        {
            e.printStackTrace();
        }
    }
}
```

## Exercice 17 :

```
<target name="report" depends="go">
  <mkdir dir="${report.dir}" />
  <ivy:report todir="report"/>
</target>
```

On obtient dans le répertoire push un fichier html, correspondant à une page html affichant un rapport du projet.

## Exercice 19 :

(Capture d'écran disponible dans le dossier présent sur le git)

Firefox ESR mar. 11 avril 16:57:20

ivy report :: info-all by apache :: default - Mozilla Firefox

file:///promote2019/jrouxel/Outils\_developpement/Projectivy/report/apache-info-all-default.html

### info-all by apache

resolved on 2017-04-11 16:55:27

default

#### Dependencies Stats

Modules	6
Revisions	6 (0 searched %, 0 downloaded, 0 evicted, 0 errors)
Artifacts	6 (0 downloaded, 0 failed)
Artifacts size	1626 kB (0 kB downloaded, 1626 kB in cache)

#### Dependencies Overview

Module	Revision	Status	Resolver	Default	Licenses	Size
commons-lang by commons-lang	2.1	integration	public	false		203 kB
opencsv by com.opencsv	3.9	integration	public	false		79 kB
commons-beanutils by commons-beanutils	1.9.3	integration	public	false		240 kB
commons-collections by commons-collections	3.2.2	integration	public	false		575 kB
commons-logging by commons-logging	1.2	integration	public	false		60 kB
commons-lang3 by org.apache.commons	3.5	integration	public	false		469 kB

#### Details

##### commons-lang by commons-lang resolved by default

Revision: 2.1

Status	integration
Publication	20051124062021
Resolver	public
Configurations	default, system, compile, provided, runtime, master
Artifacts size	203 kB (0 kB downloaded, 203 kB in cache)

Required by

Organisation	Name	Revision	In Configurations	Asked Revision
apache	info-all	1.0	default	2.1

Dependencies

No dependency

Artifacts

Name	Type	Ext	Download	Size
commons-lang	jar	jar	no	203 kB

##### opencsv by com.opencsv resolved by default

Revision: 3.9

Status	integration
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