

SIMPLE PACKTIVITY EXAMPLE USING UMBRELLA

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Input File Example 2:

This simple example will take the contents of an input file and save them in an output file. We use the same packtivity specification as in the other input file example, however we will run the command a little differently. Additionally, our file structure is different because we have our input file located inside a directory called **'inputs'**

Listing 1: packtivity specification: inputfile-test.yml

```
1 process:
2   process_type: 'string-interpolated-cmd'
3   cmd: 'cat {inputfile} > {outputfile}'
4 publisher:
5   publisher_type: 'frompar-pub'
6   outputmap:
7     outputfile: outputfile
8 environment:
9   environment_type: 'umbrella'
10  image: 'centos6'
11  spec_url: '/home/beth/Desktop/DASPOS/fast.umbrella'
```

You will notice that the packtivity spec environment refers to a spec called **fast.umbrella**. The **fast.umbrella** file is provided in the repository. You will need to adjust the spec_url in the packtivity specification to the location of this file on your own machine. Now you are ready to run the packtivity. Run the following command to execute this packtivity.

Listing 2: packtivity-run command

```
1 packtivity-run input-example.yml \
2 -p inputfile="$PWD/inputs/myinputfile.txt" \
3 -p outputfile="'{workdir}/input-example-outputfile'" \
4 --read inputs \
5 --write outdir
```

When the packtivity has finished running, you should see a new directory in the directory you ran the command in. This is the outdir and will contain the `_packtivity` and outputfile specified in the command and specification. If you open this output file, you will see that it has the same text as the given input file.

This example can be found in the following GitHub repository:

<https://github.com/ecaldwe1/packativity-with-umbrella-examples/tree/master/input-file-example2>