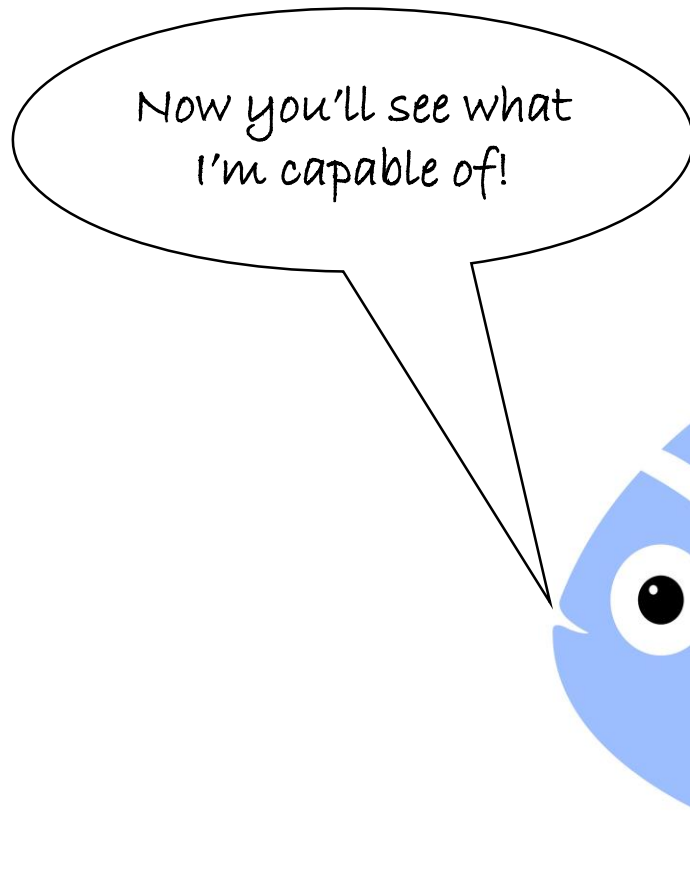


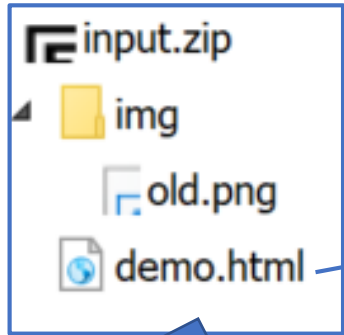
XProc 3.0 Unconference XML Prague 2020



**Working
with zip
file demo**

Source & presentation: <https://github.com/xatapult/working-with-zip-demo-prague-2020>

What's the input?



```
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <title>XProc demo file</title>
  </head>
  <body>
    <p>The old logo:</p>
    <p>
      
    </p>
  </body>
</html>
```

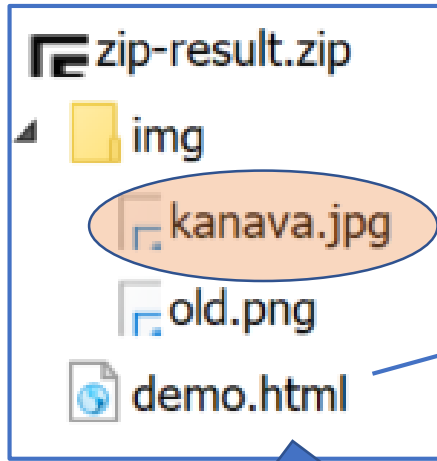
Shows in the browser as...

The old logo:

X*Proc*



What's the desired output?



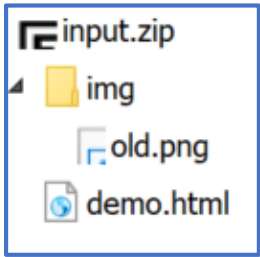
Shows in the browser as...



```
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <title>XProc demo file</title>
  </head>
  <body>
    <p>The old logo:</p>
    <p>
      
    </p>
    <p>New logo:</p>
    <p>
      
    </p>
  </body>
</html>
```

Of course using an XProc 3.0 pipeline...





Get manifest:
<p:archive-manifest>

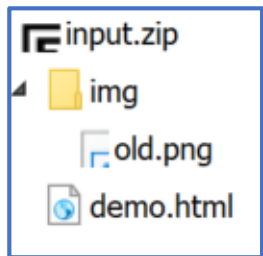


URI of zip file

URI of file in zip

```
<c:archive xmlns:c="http://www.w3.org/ns/xproc-step">
  <c:entry name="demo.html"
    href="file:///.../input/input.zip/demo.html"
    method="deflated"
    size="219"
    compressed-size="150"
    time="2020-02-06T08:19:06+01:00"/>
  <c:entry name="img/old.png"
    href="file:///.../input/input.zip/img/old.png"
    method="deflated"
    size="7522"
    compressed-size="7043"
    time="2019-03-14T15:22:48+01:00"/>
</c:archive>
```





Get manifest



Add reference to new
logo to manifest



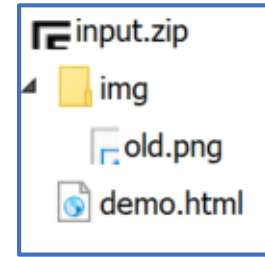
```
<c:archive xmlns:c="http://www.w3.org/ns/xproc-step">
  <c:entry name="demo.html"
    href="file:///.../input/input.zip/demo.html"
    method="deflated"
    size="219"
    compressed-size="150"
    time="2020-02-06T08:19:06+01:00"/>
  <c:entry name="img/old.png"
    href="file:///.../input/input.zip/img/old.png"
    method="deflated"
    size="7522"
    compressed-size="7043"
    time="2019-03-14T15:22:48+01:00"/>
  <c:entry name="img/kanava.jpg"
    href="file:///.../additional-images/kanava.jpg"/>
</c:archive>
```

URI of file on disk

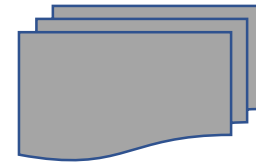


```
base-uri = file:///.../input/input.zip/demo.html
```

```
base-uri = file:///.../input/input.zip/img/old.png
```



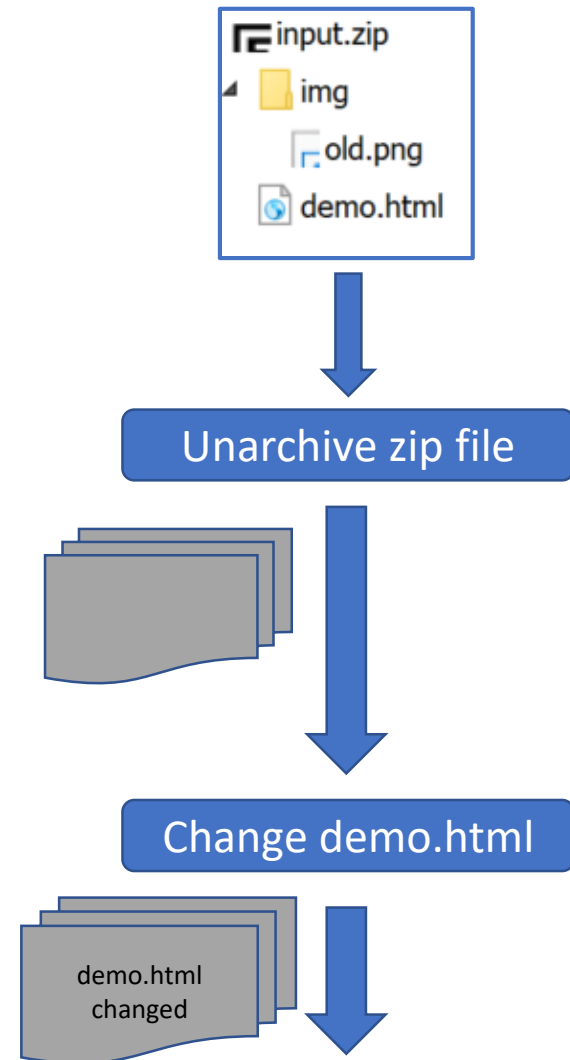
Unarchive zip file



All 2 documents in the archive with property **base-uri** same as **@href** in the manifest!

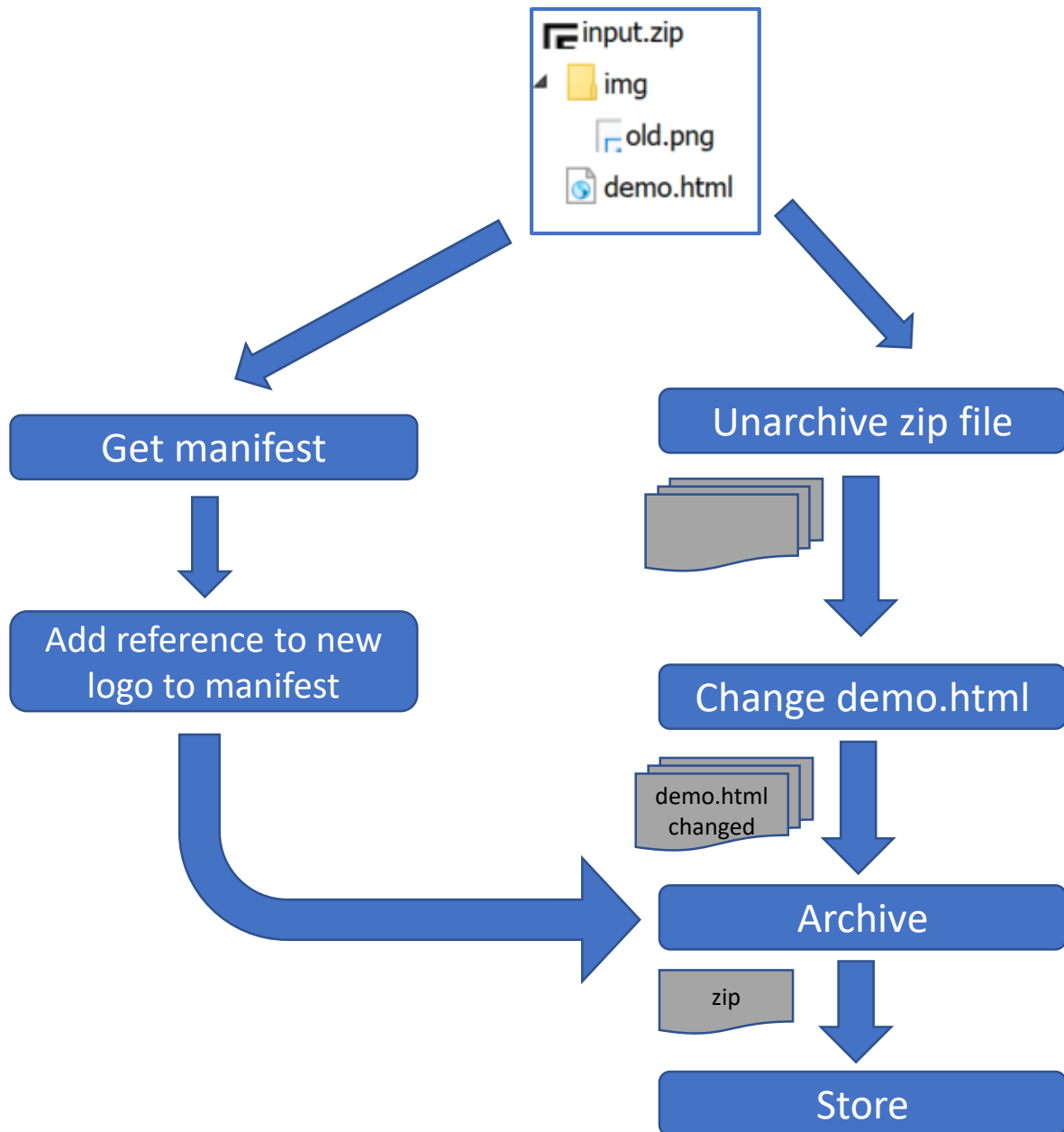


```
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <title>XProc demo file</title>
  </head>
  <body>
    <p>The old logo:</p>
    <p>
      
    </p>
    <p>New logo:</p>
    <p>
      
    </p>
  </body>
</html>
```



No changes in **base-uri** properties!





```
<c:archive xmlns:c="http://www.w3.org/ns/xproc-step">
  <c:entry name="demo.html"
    href="file:///.../input/input.zip/demo.html"
    method="deflated"
    size="219"
    compressed-size="150"
    time="2020-02-06T08:19:06+01:00"/>
  <c:entry name="img/old.png"
    href="file:///.../input/input.zip/img/old.png"
    method="deflated"
    size="7522"
    compressed-size="7043"
    time="2019-03-14T15:22:48+01:00"/>
  <c:entry name="img/kanava.jpg"
    href="file:///.../additional-images/kanava.jpg"/>
</c:archive>
```

- Match documents in the manifest with documents on the source port, by **base-uri** property
- If not, try to load from URI in manifest @**href**



Source & presentation:

<https://github.com/xatapult/working-with-zip-demo-prague-2020>

