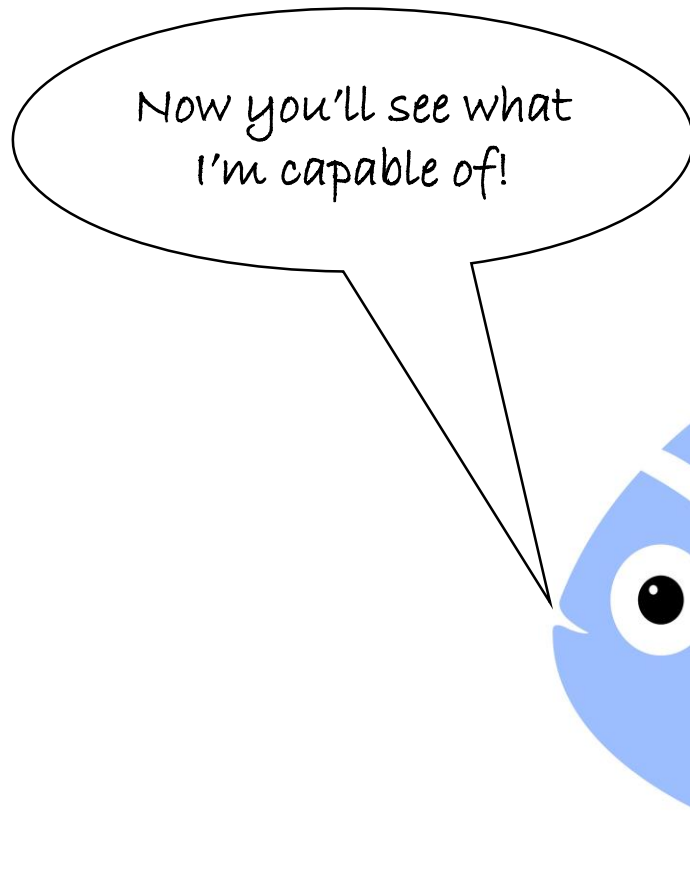


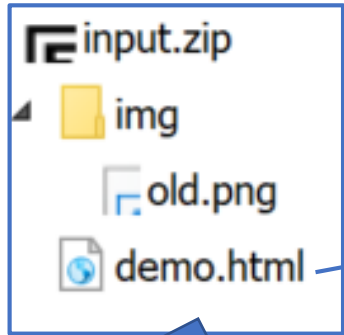
# XProc 3.0 Unconference XML Prague 2020



**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>
```

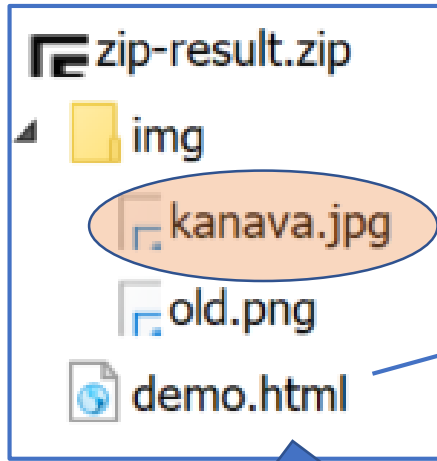
Shows in the browser as...

The old logo:

The logo for XProc, featuring the word 'XProc' in a stylized blue font. The 'X' is large and bold, and 'Proc' is in a script-like font.



# What's the desired output?



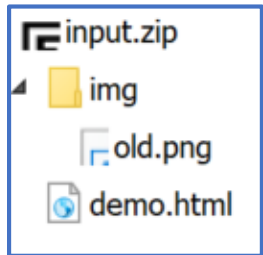
Shows in the browser as...



```
<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>

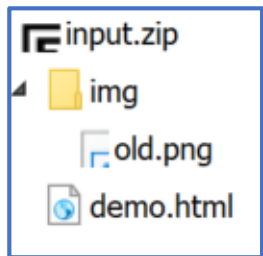


URI of zip file

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



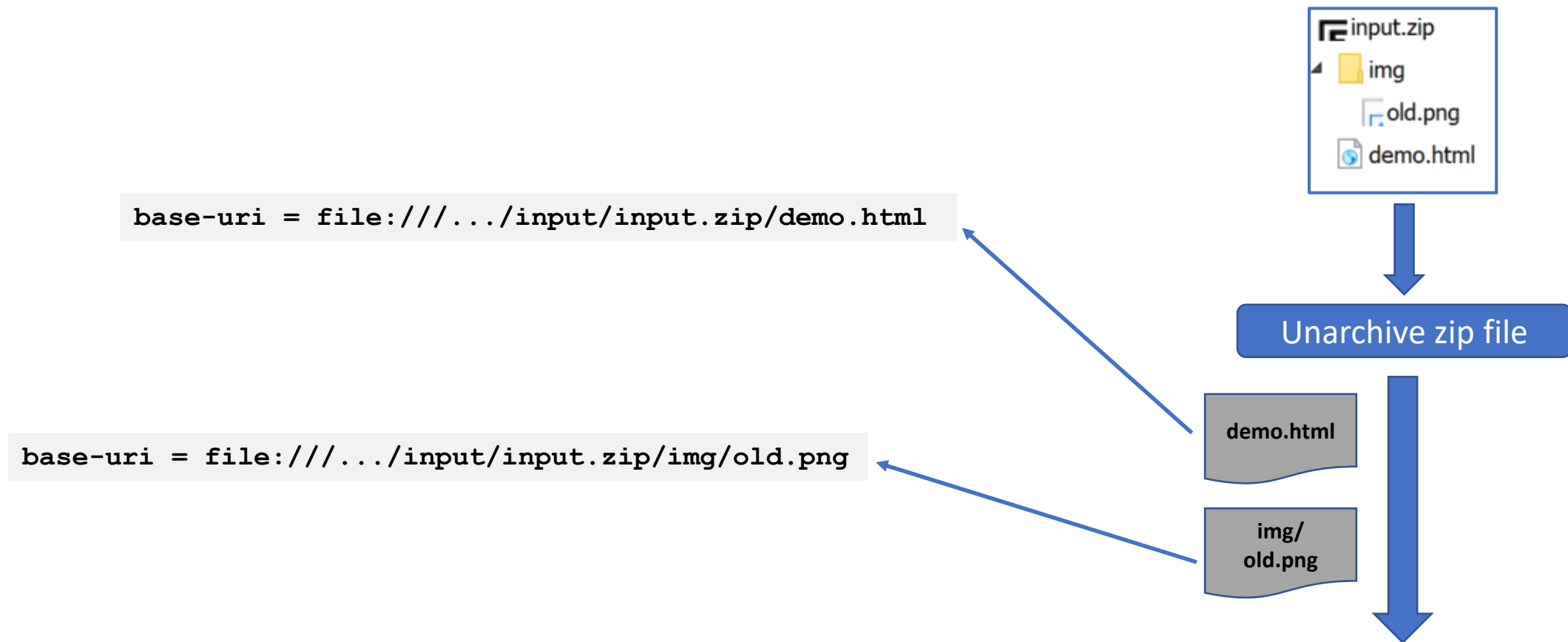
Add reference to new  
logo to manifest



```
<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



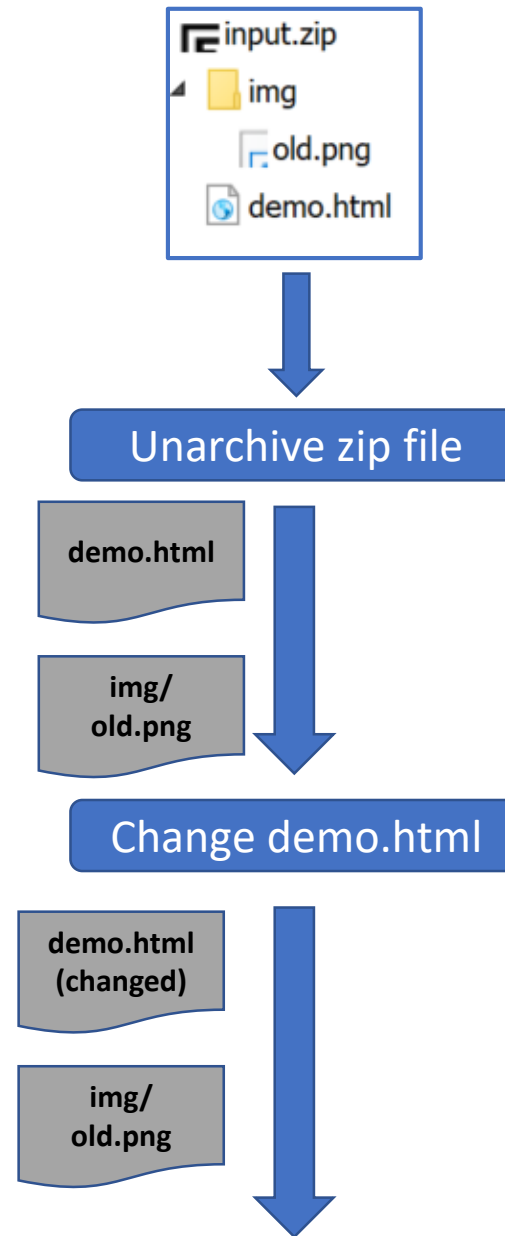


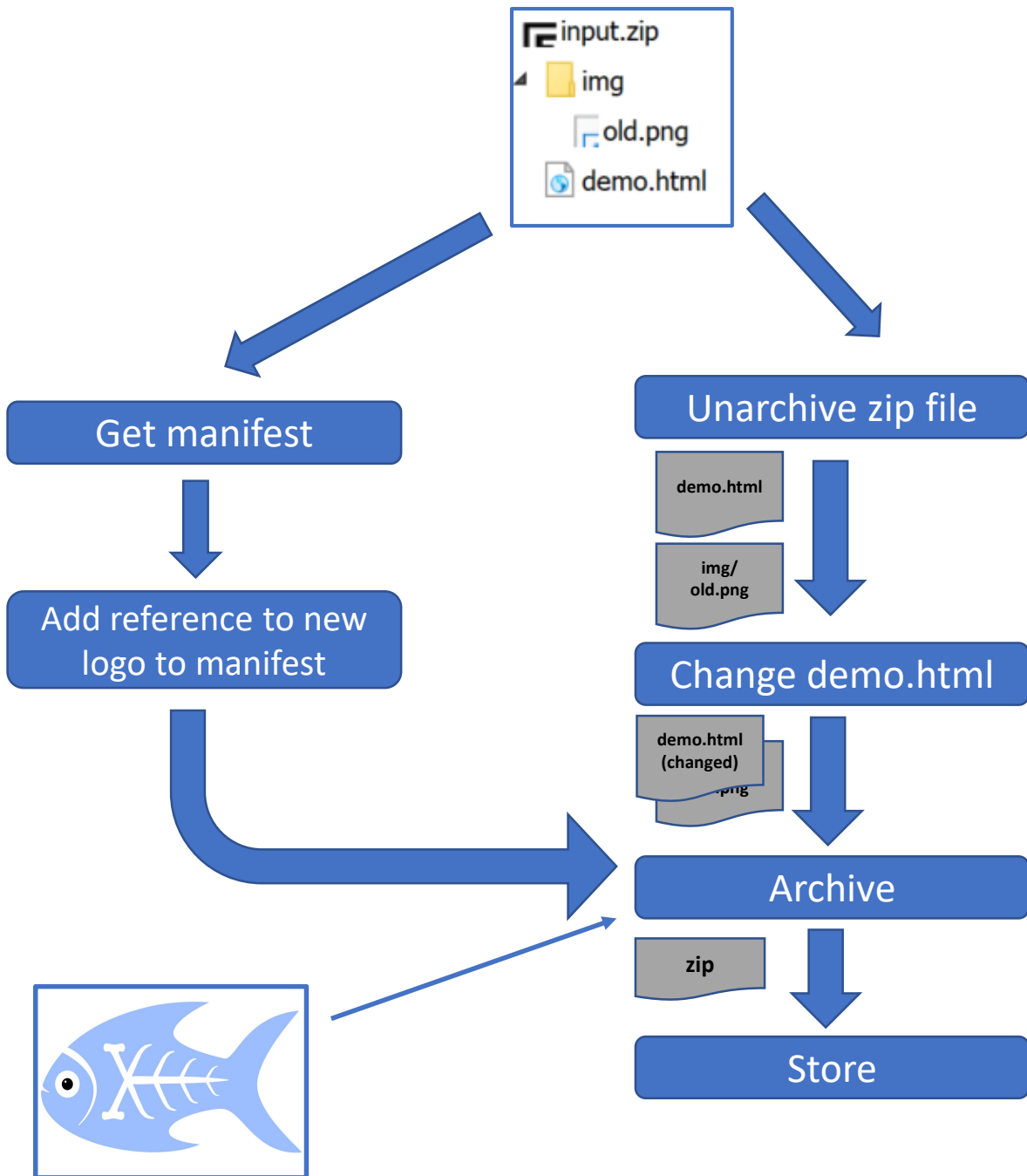
All 2 documents in the archive with property **base-uri** same as **@href** in the manifest!



```
<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>

