SMIL 2.0 transition and Adobe extensions

Adobe viewer (since version 5) integrate SMIL 2.0 transitions as Adobe extensions

Code to use this transitions between pictures :

Define namespace for Adobe extensions in main svg element :

```
<svg xmlns:a="http://ns.adobe.com/AdobeSVGViewerExtensions/3.0/"  .....  >
```

In defs section, define transition element

```
<defs>
<a:transition id="t1" type="barWipe" subType="horizontal"
                                direction="forward" dur="2">
     <a:param id="param" name="cellSize" value="5"/>
</a:transition>
```

We define also two image elements

```
<image id="im1" width="400" height="400" xlink:href="fondu1.jpg"/>
<image id="im2" width="400" height="400" xlink:href="fondu2.jpg"/>
</defs>
```

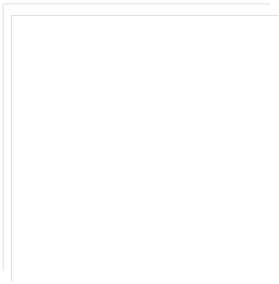We apply transition with set element, we add transIn attribute in set element

```
<use x="20" y="50" width="400" height="400" xlink:href="#im1">
     <set id="animation" attributeName="xlink:href" to="#im2" dur="3"
              begin="go.click" a:transIn="t1" />
</use>
```

Element transition attributes are type, subType and direction

We can add param element as child, param attributes are name and value
Adobe viewer support this values :

type	subType	direction	param name	param value
barWipe	topToBottom leftToRight	forward reverse	sections	integer
irisWipe	rectangle	forward reverse		
barnDoorWipe	topToBottom leftToRight	vertical horizontal		
glitter	topToBottom leftToRight topLeft random	forward reverse	cellSize	integer
fade	crossFade	forward		

Test transition by click on name