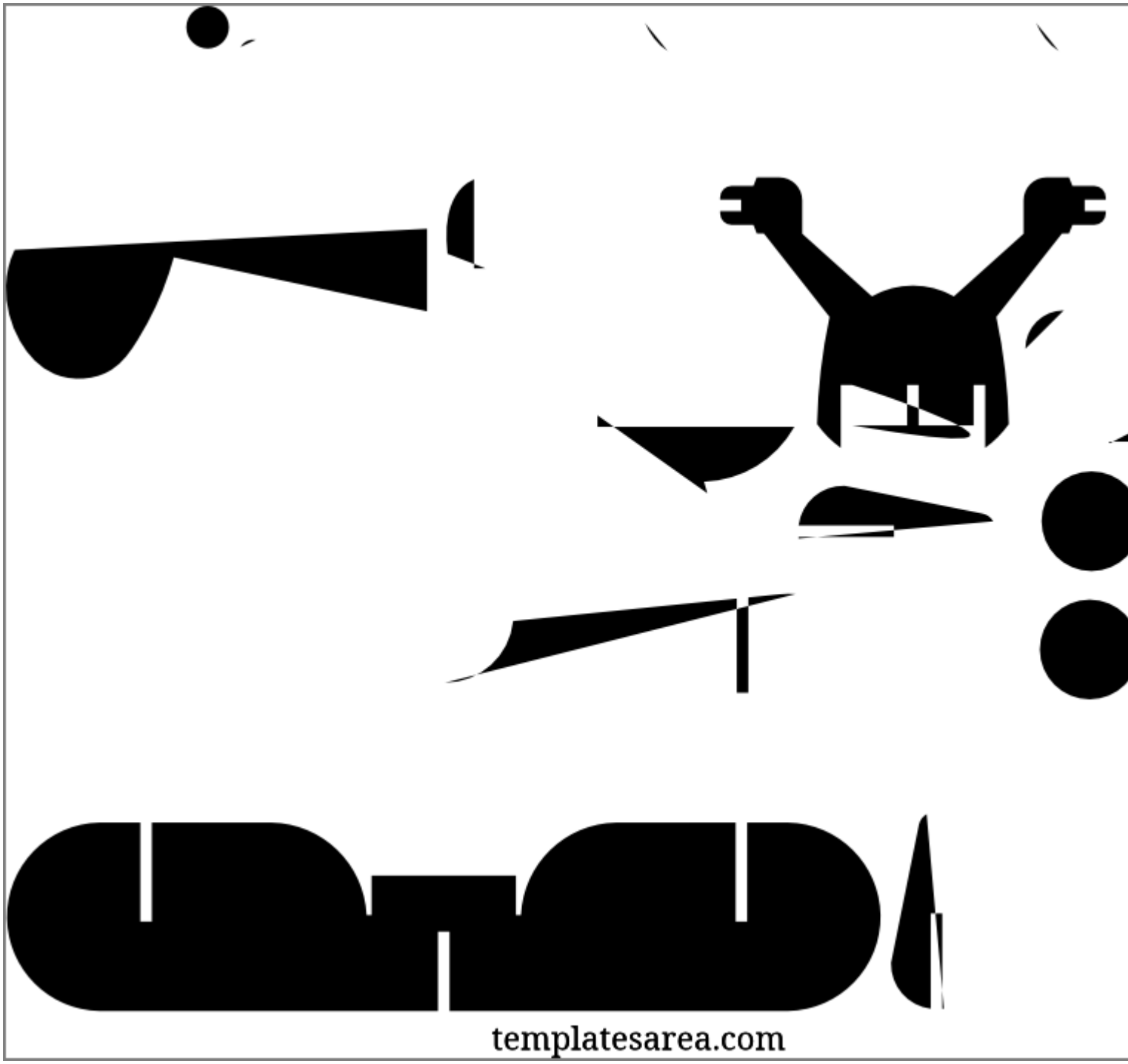
Subject: UPP Examples SVGView error
Posted by deep on Sat, 20 Sep 2025 13:40:40 GMT
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I am getting wrong display for the enclosed SVG file when using Examples/SVGView

Enclosing SVG file in next message.

File Attachments

1) biplane-upp-svgview.png, downloaded 645 times

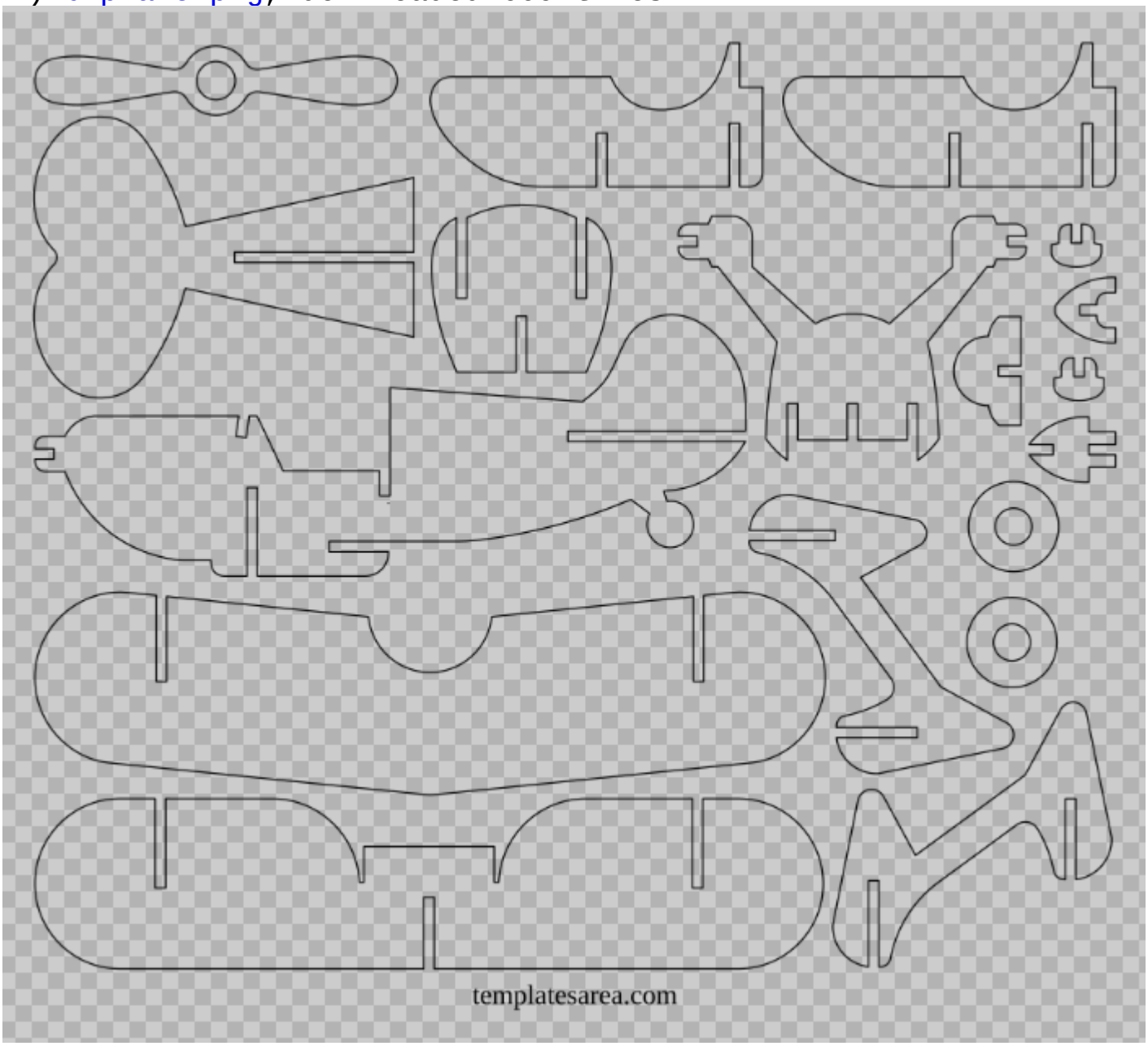


Subject: Re: UPP Examples SVGView error
Posted by deep on Sat, 20 Sep 2025 13:44:44 GMT
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Expected Image file

File Attachments

1) biplane.png, downloaded 609 times



Subject: Re: UPP Examples SVGView error
Posted by deep on Sat, 20 Sep 2025 13:48:09 GMT
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SVG File attached.

This file is not rendered correctly with Examples/SVGView.

File Attachments

1) biplane.svg, downloaded 193 times

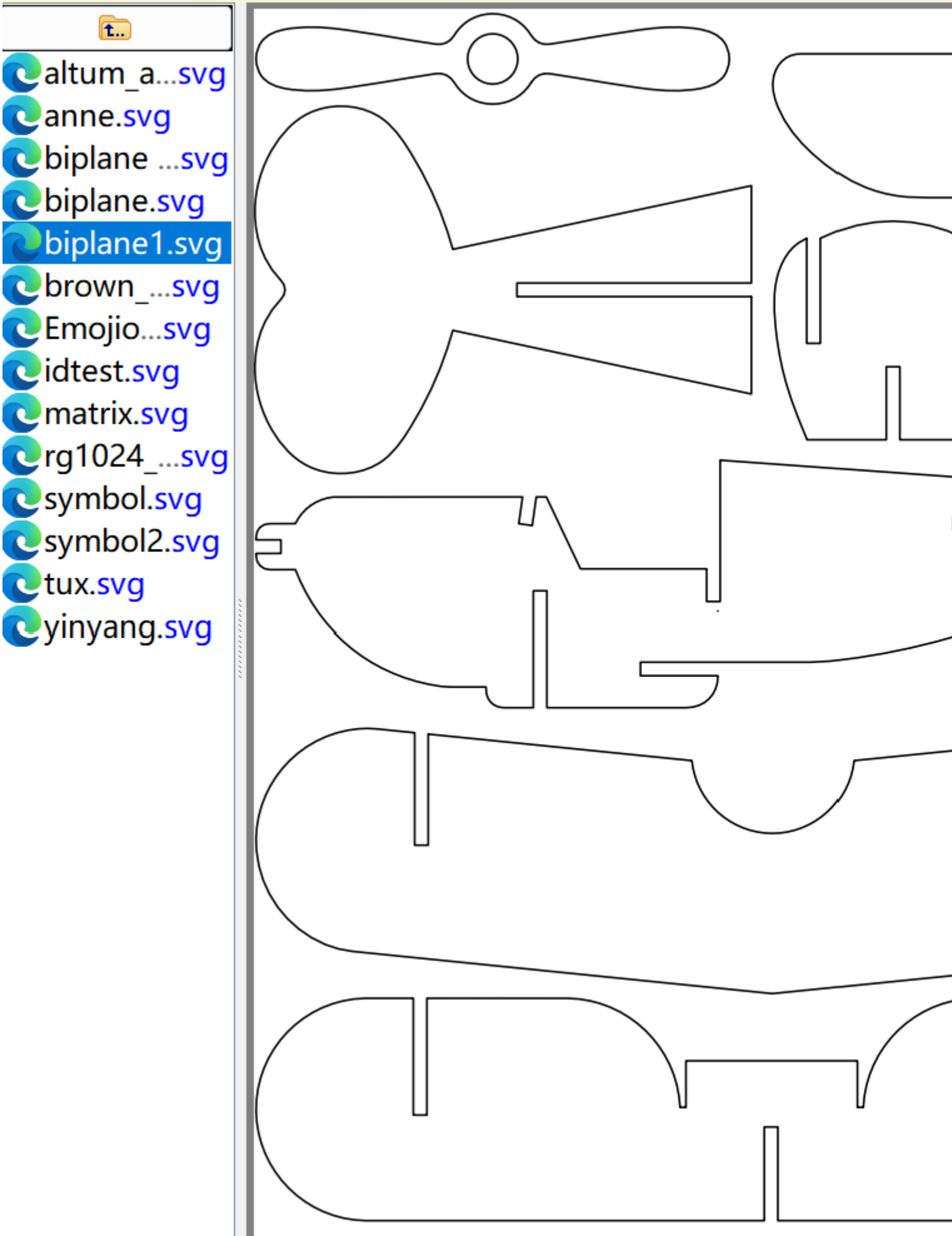
Subject: Re: UPP Examples SVGView error
Posted by zouql on Mon, 22 Sep 2025 05:46:08 GMT
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hello deep:
in the biplane.svg,
1. the <style> in <defs>, but Upp is not process <style> in <defs>.(add it)
2. the <style> .cls-1 is not a valid Id, p.ReadId() can't handle it.(use p.ReadIdh() replace it)
3. the svg path, upp can't process cxy,xy,...(add while(p.Char(',')); in PainterPath.cpp)
4. the svg path, (c,s) or (q, t) they are usually used in combination.
when the front of s is not c, the first control point is the last current point, but now upp not handle it.(add a branch to handle the previous command).
I modified the two files.(SvgParser.cpp, PainterPath.cpp) You can replace it, and will see the correct display. I will submit the code later.

File Attachments
1) PainterPath.zip, downloaded 197 times

Subject: Re: UPP Examples SVGView error
Posted by zouql on Mon, 22 Sep 2025 05:48:18 GMT
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File Attachments
1) biplane.png, downloaded 628 times


altum_a...svg
anne.svg
biplane ...svg
biplane.svg
biplane1.svg
brown_...svg
Emojio...svg
idtest.svg
matrix.svg
rg1024_...svg
symbol.svg
symbol2.svg
tux.svg
yinyang.svg

Subject: Re: UPP Examples SVGView error
Posted by deep on Tue, 23 Sep 2025 08:47:23 GMT
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Hi Zouql,

Thank you for quick response.

Your changes rendering correctly many other SVG files correctly.

I am attaching one more file which is not rendering fully.

File Attachments
1) wooden-easter-egg-holder.svg, downloaded 190 times

Subject: Re: UPP Examples SVGView error
Posted by mirek on Tue, 23 Sep 2025 14:45:04 GMT
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zouql wrote on Mon, 22 September 2025 07:46hello deep:
in the biplane.svg,
1. the <style> in <defs>, but Upp is not process <style> in <defs>.(add it)
2. the <style> .cls-1 is not a valid Id, p.ReadId() can't handle it.(use p.ReadIdh() replace it)
3. the svg path, upp can't process cxy,xy,...(add while(p.Char(',')); in PainterPath.cpp)
4. the svg path, (c,s) or (q, t) they are usually used in combination.
when the front of s is not c, the first control point is the last current point, but now upp not handle it.(add a branch to handle the previous command).
I modified the two files.(SvgParser.cpp, PainterPath.cpp) You can replace it, and will see the correct display. I will submit the code later.

Thank you, fix adopted with small changes.

Subject: Re: UPP Examples SVGView error
Posted by zouql on Wed, 24 Sep 2025 00:39:21 GMT
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Hi deep:
In the wooden-easter-egg-holder.svg, there have some <style> .cls-1, .cls-2, .cls-3 {...} , but now only support .cls-1 {...}.
I modified some code to support multiple Ids and hope you can do more testing.

File Attachments

1) PainterPath20250924.zip, downloaded 178 times

Subject: Re: UPP Examples SVGView error
Posted by mirek on Wed, 24 Sep 2025 07:09:32 GMT
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Thanks, applied the fix as well. Just a note:

```
for(String& id : ids)
{
 int index = classes.Find(id);
 if(index >= 0)
 {
  String tmp = classes.Get(id);
  tmp << style;
  classes.UnlinkKey(id);
  classes.Put(id, tmp);
 }
 else
 {
  classes.Add(id, style);
 }
}
```

is quite clumsy, U++ is actually designed to do it like this

```
for(const String& id : ids)
 classes.GetAdd(id) << style;
```

Subject: Re: UPP Examples SVGView error
Posted by zouql on Wed, 24 Sep 2025 07:25:18 GMT
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Hi Mirek:
Thank you, I still need to learn more from you. Also, please merge the code.

zouql

Subject: Re: UPP Examples SVGView error

Posted by mirek on Wed, 24 Sep 2025 07:39:06 GMT
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zouql wrote on Wed, 24 September 2025 09:25Hi Mirek:
Thank you, I still need to learn more from you. Also, please merge the code.

zouql

I already did, thanks again.

Subject: Re: UPP Examples SVGView error
Posted by mirek on Wed, 24 Sep 2025 07:57:43 GMT
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deep wrote on Tue, 23 September 2025 10:47Hi Zouql,

Thank you for quick response.

Your changes rendering correctly many other SVG files correctly.

I am attaching one more file which is not rendering fully.

Thanks for testing, please continue

(And have a fun with your brand new laser CNC!