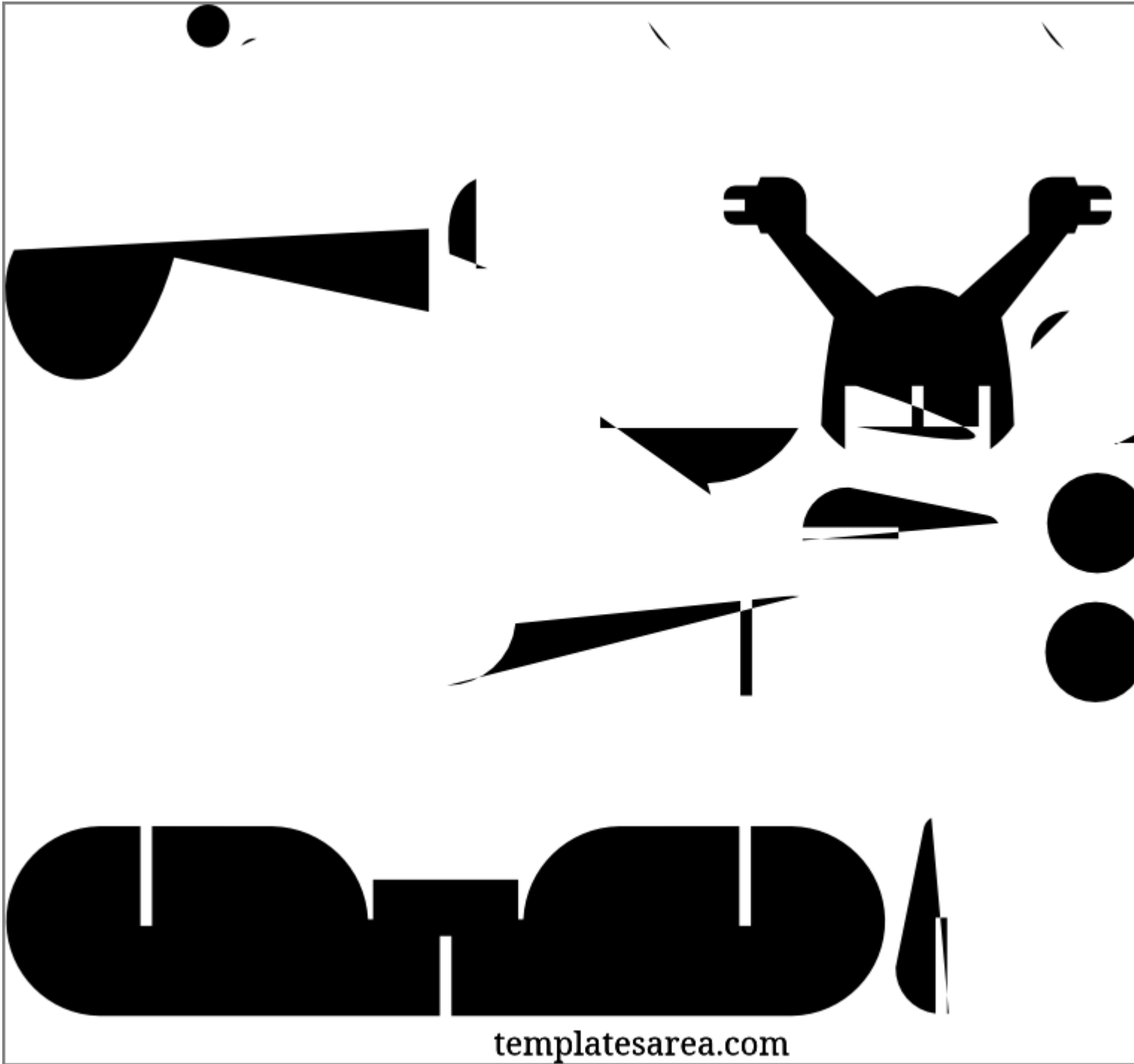

Subject: UPP Examples SVGView error
Posted by [deep](#) on Sat, 20 Sep 2025 13:40:40 GMT
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I am getting wrong display for the enclosed SVG file when using Examples/SVGView

Enclosing SVG file in next message.

File Attachments

1) [biplane-upp-svgview.png](#), downloaded 295 times

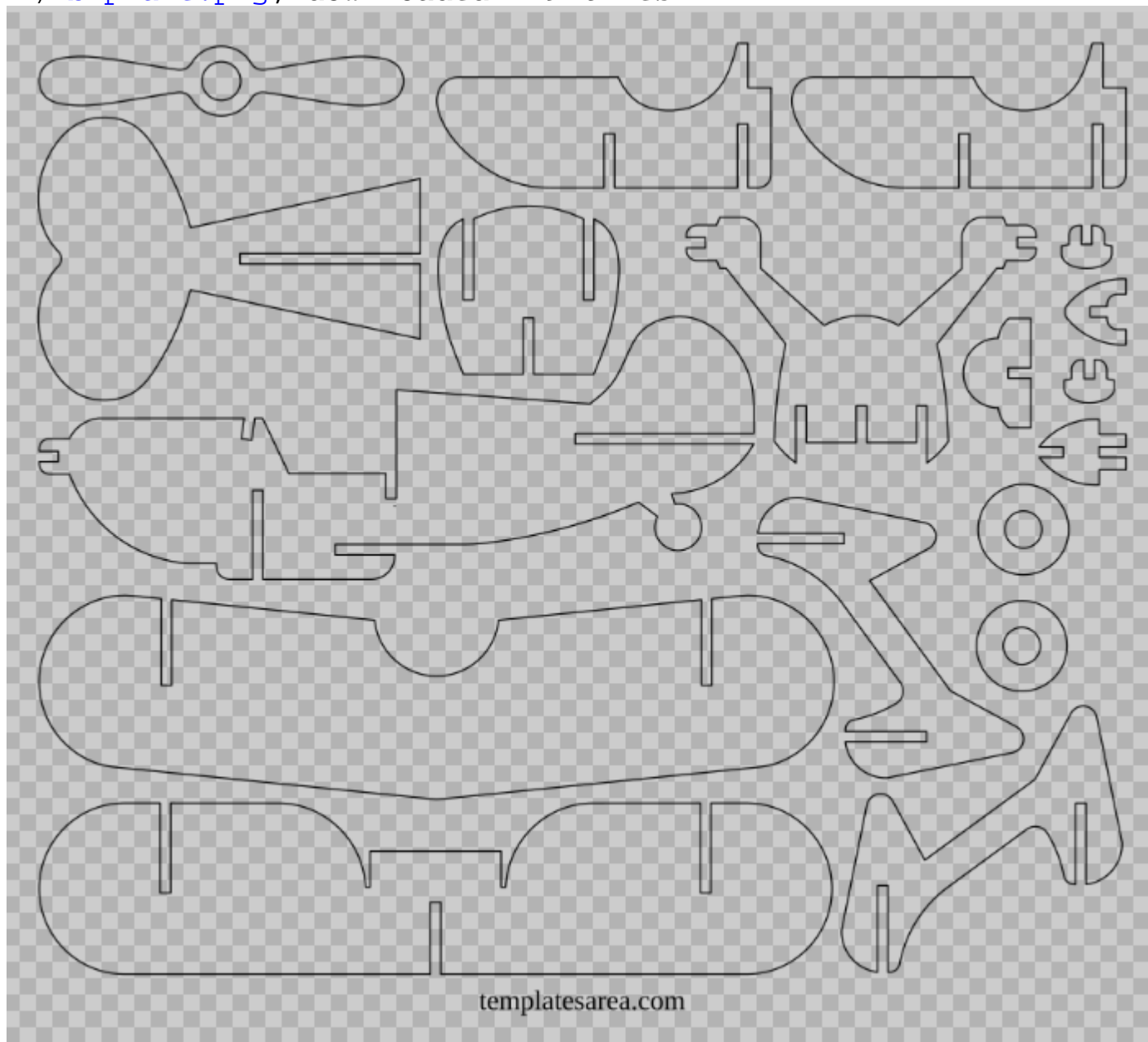


Subject: Re: UPP Examples SVGView error
Posted by [deep](#) on Sat, 20 Sep 2025 13:44:44 GMT
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Expected Image file

File Attachments

1) [biplane.png](#), downloaded 279 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 86 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 88 times

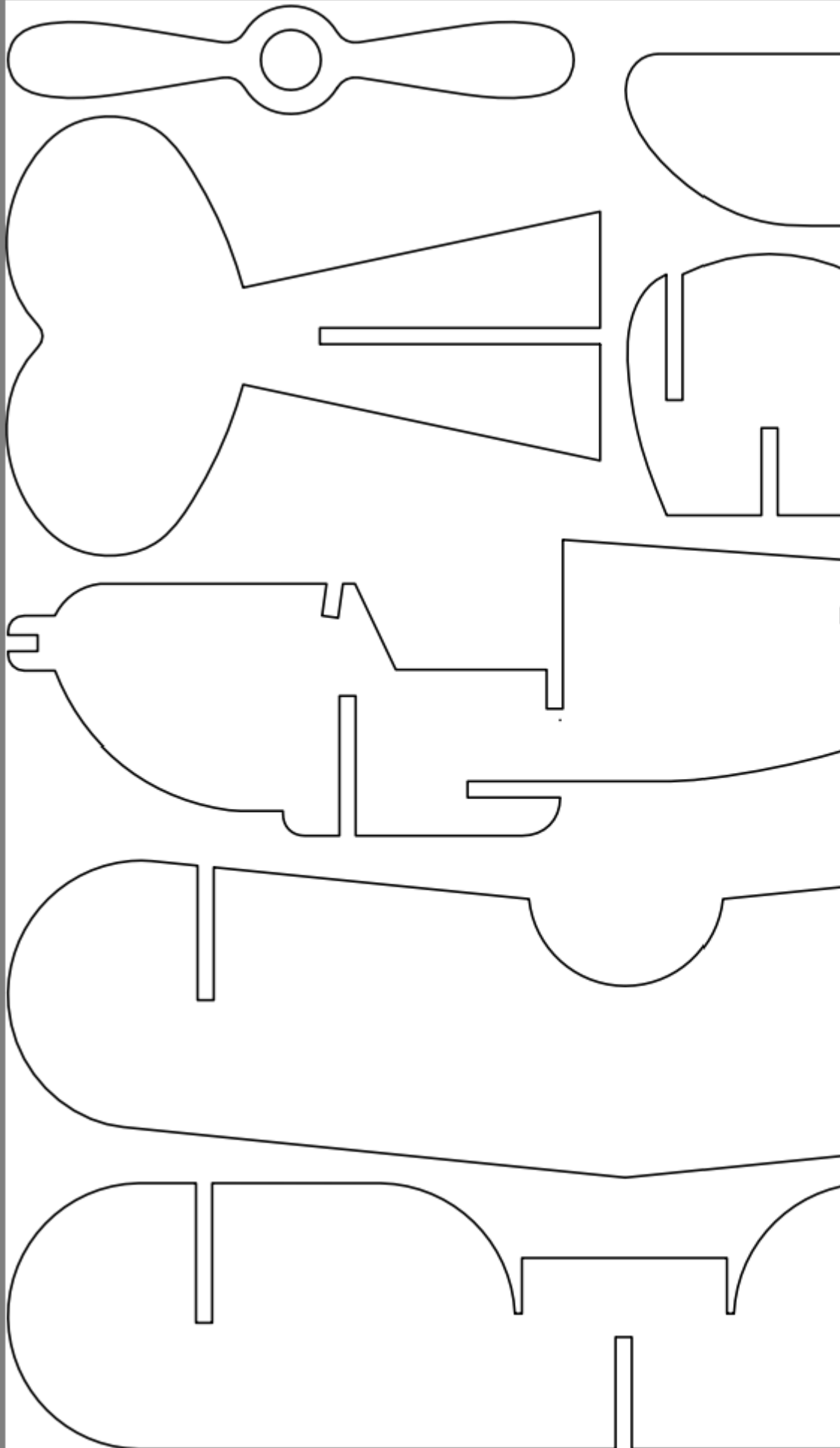
Subject: Re: UPP Examples SVGView error
Posted by [zouql](#) on Mon, 22 Sep 2025 05:48:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

File Attachments

1) [biplane.png](#), downloaded 280 times

t..

- altum_a...svg
- anne.svg
- biplane ...svg
- biplane.svg
- biplane1.svg
- brown_...svg
- Emoji...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 83 times

Subject: Re: UPP Examples SVGView error
Posted by [mirek](#) on Tue, 23 Sep 2025 14:45:04 GMT
[View Forum Message](#) <> [Reply to Message](#)

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 79 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
[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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!
