

# **Dynamic PDF Reports via XSL and Inkscape**

SVG = XML

Use placeholder text  
(for easy regex replacement)

`%report/title%`

`%report/textbox1%`

## Add XSL header and footer

```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">  
<xsl:template match="/">
```

...

```
</xsl:template>  
</xsl:stylesheet>
```

```
s/%%\(.*\)\%/<xsl:value-of select="\1" V/>/g
```

```
%%report/title%%
```

```
<xsl:value-of select="report/title" />
```

## XML Format Your Data

```
<report>  
  <title>Where we went wrong</title>  
</report>
```

Apply the style to the data

```
xsltproc -o foo.svg bar.xsl wibble.xml
```


(or programmatically, of course)

Convert to PDF


```
inkscape -z -f foo.svg -A foo.pdf
```

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# Profit!



linux.conf.au 2010  
18-23 January 2010, Wellington, New Zealand



**Tax Invoice**  
Linux Australia Inc.

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Invoice Date: 20 Oct, 2009  
Invoice No: 100273  
NZ GST No: 90-792-369

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Description	Quantity	Cost	Total
Ticket - Miniconf Organiser Ticket	1	Free	Free
T-Shirt - Men's 3XL	1	\$25.00	\$25.00
Penguin Dinner Ticket - Adult	1	\$115.00	\$115.00
Speakers Dinner Ticket - Adult	2	Free	Free
Discount for 1 included T-Shirt	1	-\$25.00	-\$25.00
Discount for 1 included Penguin Dinner Ticket	1	-\$115.00	-\$115.00
<b>Total</b>			<b>Free</b>
Includes 12.5% New Zealand Goods and Services Tax		NZ GST	Free

**Amount Owing (NZD): 0.00**

Follow the signs. Visit WELLINGTON!  
<http://www.lca2010.org.nz>



Peter Lieverdink

## Resources

- Use Inkscape and XSLT to Create Cross-Platform Reports and Forms  
<http://www.linuxjournal.com/article/9283>
- W3C XSL 2.0 Specification  
<http://www.w3.org/TR/xslt20/>
- Sample files
- <http://cc.com.au/inkscape/inkscape-xsl.zip>