



# **AsciiDoc with custom dblatex configuration**

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**Acme Corp**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME
0.2	July 2013	Added four new sections with details on changing page size, cover page, fonts and source code listings configuration.	JD
0.1	October 2012	Initial version with overview	JD

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# 1 Overview

This is an example of some possible customizations for asciidoc dblatex backend. It features:

## Letter paper size

How to override the default A4 paper size in dblatex.

## Custom cover page

Cover page with company logo and custom layout.

## Custom fonts

Such as using Charter as roman font and Inconsolata as monospace font.

## White background in code listings

Overriding default dblatex color/grey background.

Overrides and configurations are made via custom asciidoc-dblatex-custom.sty style file. Take a look into supplied Makefile for a2x command example.

# 2 Letter paper size

Paper size is configured by adding geometry package to asciidoc-dblatex-custom.sty:

## Changing paper size

```
7 % this will set letterpaper, because docbook.sty honors page layout
8 % made by geometry package
9 \usepackage[letterpaper,total={7.25in,9.25in}, top=1in]{geometry} ❶
10
11 %% Just use the original package and pass the options.
12 \RequirePackageWithOptions{docbook}
```

❶ Using geometry package with letterpaper configuration

# 3 Custom cover page

## Create the blue ribbon command

```
14 \newlength\mylength
15 \def\blueribbon{
16   \setlength\mylength{0.3\paperheight}
17   \AddToShipoutPicture*{
18     \put(0,\LenToUnit{\mylength}){%
19       {\color{blue}\rule{\paperwidth}{1cm}}}
20   }
21 }
```

## Override dblatex's \DBKcover macro

```
23 % custom cover page
24 \def\DBKcover{
25   \ifthenelse{\equal{\DBKedition}{}}{\def\edhead{}}{\def\edhead{Ed. \DBKedition}}
26   \thispagestyle{empty}
27   \begin{flushright}
28     \includegraphics[width=0.2\textwidth]{logo} \\\ ❶
```

```

29 \vspace*{1in}
30 \bfseries
31 \sffamily
32 {\Huge \DBKtitle \[\lex]\large ~~~ \} ❷
33 \vspace*{2.1in}
34 {\color{blue} \Huge ~~~ \ \huge ~~~ \}
35 \vspace*{2.1in}
36 {\Large\DBKdate \} ❸
37 \end{flushright}
38 \vfill
39 \begin{center}{\Large \bfseries \sffamily Acme Corp}\end{center}
40 \blueribbon ❹
41 }

```

- ❶ Insert logo
- ❷ This is how we obtain document title
- ❸ Document date
- ❹ Invoke \blueribbon command to draw ribbon

## 4 Custom fonts

Just including two additional packages to override default choices of roman and monospaced fonts in dblatex:

### Setting fonts:

```

43 % use different charter and inconsolata roman and typewriter fonts
44 \usepackage{charter}
45 \usepackage{inconsolata}

```

## 5 Customizing code listings

```

47 % re-set the listing environment, because we changed tt font and we
48 % don't want colored background
49 \lstset{%
50     basicstyle=\ttfamily\small, % ❶
51     backgroundcolor={}% ❷
52 }

```

- ❶ Use small font size
- ❷ No background color