

**Simpler PDF
customizations
New theme support**

DITA-OT 4.0 includes a new PDF plug-in

`com.elovirta.pdf`

Extends the default PDF2
plug-in with a new `theme`
parameter



```
$ dita --project=samples/project-files/pdf.xml \  
      --theme=path/to/your/new-theme-file.yaml
```

The `--theme` option takes a path to a theme file and changes the styling of the PDF output without changing XSLT stylesheets.

**Write theme files in either
JSON or YAML.**

**Sample theme
for the docs**

Remember this?

DITA Open Toolkit 3.7

**Now we
have this.**



**DITA Open Toolkit
Release 4.0**



DITA Open Toolkit
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So what can we do?

Set custom colors



```
brand:  
  color:  
    primary: '#1d365d'  
    secondary: '#6c757d'  
    tertiary: '#bac8d1'  
    inverse: '#e9ecef'  
    links: '#3563ab'  
  note:  
    background:  
      attention: '#fff3cd'  
      caution: '#f8d7da'  
      info: '#dce4f0'  
      tip: '#d1e7dd'
```



```
pdf2:
```

```
  font:
```

```
    sans: 'Helvetica, Arial Unicode MS, Tahoma, Batang, SimSun'
```

```
    serif: 'Times New Roman, Times, Arial Unicode MS, Tahoma, Batang, SimSun'
```

```
    monospaced: 'Courier New, Courier, Arial Unicode MS, Tahoma, Batang, SimSun'
```

Define custom font stacks

Set up pages



```
page:  
  size: A4  
  orientation: portrait  
  top: 20mm  
  outside: 20mm  
  bottom: 20mm  
  inside: 30mm  
  mirror-margins: true
```

**Extend and
override themes**



```
# Sample PDF theme for printing on A4 paper
extends: ./dita-ot-docs-theme.yaml
page:
  size: A4
```

**Set page size to
A4**



```
# Sample PDF theme for printing on US Letter paper
extends: ./dita-ot-docs-theme.yaml
page:
  size: Letter
```

**Set page size to
US Letter**

**Add an image to
the cover page**



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```
cover:  
  background-image: dita-ot-logo-inverse.svg  
  background-repeat: no-repeat  
  height: 25.7cm  
cover-title:  
  color: $brand-color-primary  
  font-size: 36pt  
  font-weight: bold  
  line-height: 1.5  
  space-before: 195mm
```

and lots more...

...but not *everything*



KISS

Remember —

It's supposed to be *simple*.



**If you need
more than this,
build a plug-in.**