TYPO3

CMP3 Demo

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The content of this document is related to TYPO3
- a GNU/GPL CMS/Framework available from www.typo3.org

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Introduction

What does it do?

This extension is a demonstration of the CMP3 (Cross Media Publishing) extension.

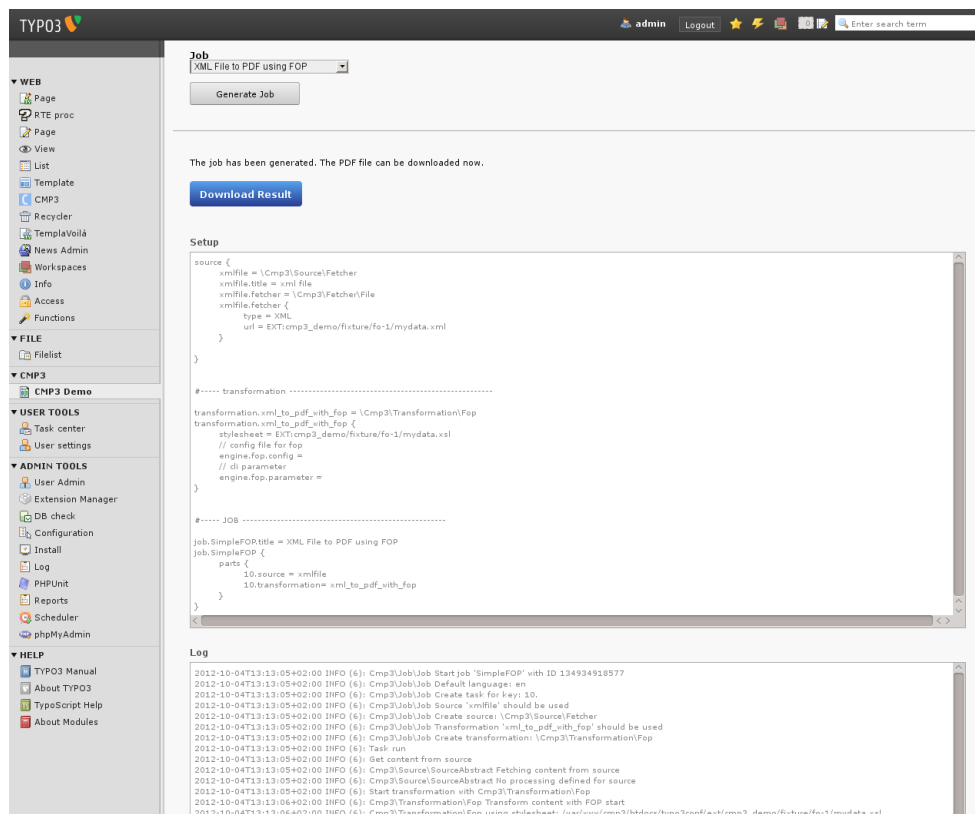You can try different examples and see the result.

What is CMP3?

CMP3 is an Open Source TYPO3 project that allows you to produce printable products out of TYPO3.

The type of print products ranges from catalogs, magazines, and company magazines, to individualized documents such as business cards.

Find out more about CMP3 on http://www.cross-media.net.

Screenshots

Here you see the extension in action:

Installation

Just install the extensions cmp3 and cmp3_demo and you're ready to go.

Nevertheless some demos might need additional software installed on the server.

For the more interesting demos Apache FOP should be installed. See below for some hints how to do so.

Dependencies

TYPO3

While this is currently a TYPO3 extension, CMP3 itself is (or should be) independent from TYPO3.

Tidy

Tidy is used for HTML processing and needs to be available as cli or as PHP module.

In Debian you can install the PHP module as follow:

sudo apt-get install php5-tidy

XSLT

It is very likely that XSLT is needed in your CMP3 project, so this is a dependency.

In Debian you can install the PHP module as follow:

sudo apt-get install php5-xsl

This will give you XSLT 1 support.

Optional dependencies

Following tools are not needed as long as none of the processors are used.

FOP

FOP is a XSL-FO processor which is used to process PDF files from XML data.

There are other (commercial) processors out there which could be easily integrated in CMP3 but that isn't available yet.

Installation

In Debian you can install the fop package. Version 1.0 or newer is recommended.

Download fop eg. https://launchpad.net/ubuntu/+source/fop/

install:

sudo dpkg -i fop_1.0.dfsg2-6_all.deb libfop-java_1.0.dfsg2-6_all.deb

sudo apt-get install -f

sudo apt-get install libservlet2.4-java

You might need an updated version of libxmlgraphics-commons-java too.

Font install

With FOP version prior to 1.0 you need to create font metrics with

fop-ttfreader FranklinITCBQ-Demi.ttf FranklinITCBQ-Demi.xml

add font in fop.xconf

HINT: Maybe the step with fop-ttfreader is no longer needed with FOP 1.0.

Hyphenation

CMP3 itself provides the hyphenation pattern for fop. Please have a look in the example fop.xconf how to use that.

PoDoFo Impose

This is used for imposition of PDF files. If you do not know what imposition is you might want to have a look here: http://en.wikipedia.org/wiki/Imposition.

Unfortunately the current Debian package lacks lua support for podofoimpose which means you have to build the package by yourself and enable lua.

#TODO more details

The tested version 0.9.1.

SAXON (XSLT 2)

Saxon is a XSLT processor which is needed when XSLT 2 is used.

Users manual

When the extension is installed a new module is available under CMP3>Demo.

Just try the demos by selecting one and click on 'Generate Job'.