The `rugscriptie` package for LaTeX

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1   Introduction

This LaTeX package, `rugscriptie`, can be used to format the title page of your thesis ('scriptie') in the official style of the University of Groningen, Netherlands (Rijksuniversiteit Groningen, RUG). It was born out of annoyance with the RUG only providing a template in Word format.

This documentation, as well as the package source and commands, are completely in English to accommodate international students. However, the produced title page can optionally be shown in Dutch instead.

2   Quick start

In its simplest form, simply extract the package `rugscriptie.zip` into the same directory as your main thesis `.tex` file.

Then, the following example should get you started:

```
\documentclass[a4paper]{report} % a4paper option recommended

\usepackage[dutch]{babel} % Use dutch, british or english
\usepackage{rugscriptie}

\faculty{fwn} % Or feb, fgg, fgmw, fl, frg, frw, fw, umcg
\thesistype{Master's thesis} % Will be printed unmodified
\title{My wonderful thesis}
\author{Y.O.U.R.~Name}
\supervisor{Prof.~S.~Upervisor}
\supervisor{Dr.~S.~Econdary-Supervisor}
\date{January 1970}

\begin{document}
\maketitle
...
\end{document}
```

Run this through `pdflatex`, and it should give you a PDF file with a properly formatted title page, in Dutch, with the logo of the FWN faculty.

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3 Requirements

The `rugscriptie` package depends on the packages `babel`, `ifthen`, `graphicx` and `fontenc`, which are probably already installed.

The package works out of the box if you use `pdflatex`, but requires some work if you want to use it with `latex` and `dvips`. See Section 4.5 for details.

4 Reference

The main functionality of the package is to override the standard `\maketitle` command. This typesets a title page in the RUG style. This section describes the available options to tweak the contents of that title page.

4.1 Thesis type

In addition to the commands `\title` and `\author`, this package adds the command `\thesistype`, which will be typeset on the title page. Example usage:

```
\thesistype{Master's Thesis Mathematics}
```

4.2 Faculty logo

By default, the logo of the Faculty of Mathematics and Natural Sciences (FWN) is shown at the top of the page. However, to promote the use of LaTeX in other disciplines, this package can show logos of other faculties as well, using the `\faculty` command:

```
\faculty{fw}
```

Supported faculty names are `feb`, `fgg`, `fgmw`, `fl`, `frg`, `frw`, `fw`, `fwn`, and `umcg` (which will display the UMGC logo next to the RUG logo).

The faculty logo is shown in Dutch or in English, depending on the language setting; see Section 4.4.

4.3 People

To show the names of your thesis supervisors, use the `\supervisor` command, possibly multiple times:

```
\supervisor{L.~Euler}
\supervisor{I.~Newton}
```

The first will be labeled as "primary", all others as "secondary":

Primary supervisor: L. Euler

Secondary supervisor: I. Newton

It is possible to add more than one person to a line, using the standard `\and` command:

```
\supervisor{I.~Newton \and G.~Leibniz}
```

In the current implementation, this simply produces a comma:

Secondary supervisor: I. Newton, G. Leibniz

If additional people were involved in the project, the command `\person` should come in handy. It takes two arguments: the role that the person played, and the name of the person(s). For example,

```
\person{Organ donations}{J.S.~Bach}
```

produces:

Organ donations: J.S. Bach

In fact, `\supervisor` is a special case of this command.

4.4 Language

The text and logo on the title page can be in English or in Dutch. Which language is used depends on the setting of the `babel` package. The default language depends on the system that your document is compiled on, so it's best to set this up explicitly. For a thesis in Dutch:

```
\usepackage[dutch]{babel}
\usepackage{rugscriptie}
```

Using `dutch` results in a Dutch title page; all other language options will result in English.

The package uses the language in effect at the time of `\maketitle`; therefore, to get a thesis in Dutch, but with an English title page, you could do this:

```
\usepackage{rugscriptie}
\usepackage[british,dutch]{babel}
...
\begin{document}
\maketitle
\selectlanguage{british}
...
\end{document}
```

(The *last* language in the option list to `babel` will take effect.)

If you're unhappy about the labels "Student", "Primary supervisor" and "Secondary supervisor", you can redefine them. For example, if you don't want your own name to be labelled at all, and prefer the word "advisor" instead:

```
\newcommand\studentname{}
\newcommand\primarysupervisorname{Primary advisor}
\newcommand\secondarysupervisorname{Secondary advisor}
```

The package defines these commands at the time of the `\maketitle`, but only if they are not yet defined; therefore, place these anywhere before that point.

4.5 If you're not using `pdflatex`

The recommended way to use this package is with `pdflatex`.

If you can't or won't use `pdflatex`, but want to go through plain `latex`, `dvips`, and possibly `pstopdf`, you will have to convert the logo file to EPS format. (EPS versions are not included because of their file size.) To do so:

1. Run your manuscript through `latex`, and take note of the file that it cannot find, for example:
   ```
   ! LaTeX Error: File 'ruglogos/RUGR_FWN_logoNL_zwart' not found.
   ```

2. Navigate to the `ruglogos` directory and convert that file to EPS using commands like the following:
   ```
   pdf2ps RUGR_FWN_logoNL_zwart.pdf
   ps2eps RUGR_FWN_logoNL_zwart.eps
   ```
   You can remove the intermediate `.ps` file, if you like.

5 Limitations

Nothing is perfect.

- The `\thanks` command is not supported.

- The `[titlepage]` option to the document class is ignored. We always produce the title on a separate page.

- The UMCG logo could look better. It is currently set somewhat smaller than the others. If you need this logo, drop the author of this package an e-mail.

- The FSE logo is only available in English, because the faculty does not have a name in Dutch, and combining the English faculty name with the Dutch university's name is against the house style.

6 Implementation notes

The Word template includes a JPEG version of the RUG logo. Although high-quality and high-resolution, this package provides PDF files instead. The logos were taken from the RUG logo database at
`http://www.rug.nl/huisstijl/logobank/index`
and converted from EPS to PDF format using the `epstopdf` program. As a bonus, the typefaces used in the logo are no longer a mixture of Egyptienne F and Georgia, but are all Egyptienne F as intended by the designer.

At the time of writing, the Faculty of Economics and Business (FEB) logo was only available in JPEG format. This version has therefore been included in the package instead of a vector PDF version.

7   Thanks

Thanks to Mark IJbema for testing the first version and uncovering some critical bugs therein.

Thanks to Gordon Grubert for his brief but to-the-point explanation of how to get TrueType fonts into LaTeX:
`http://fachschaft.physik.uni-greifswald.de/~stitch/ttf.html`.

Also thanks to Damir Rakityansky for the more in-depth description at `http://www.radamir.com/tex/ttf-tex.htm`.

8   Version history

v1.1.0 (April 17, 2018) Adds support for the Faculty of Science and Engineering (`fse`).

v1.0.2 (January 2, 2011) Consistently uses the word "supervisor" instead of "advisor". No longer requires `babel` to be included first. Or at all (defaulting to English without it). Now with limited DVI/PS support (does not include EPS logos). Renames `logos` to `ruglogos` to reduce the possibility of a name clash. Improves the manual, providing a "Quick start" section at the beginning.

v1.0.1 (January 2, 2011) Fixes a critical bug introduced by working on the package at 2 AM.

v1.0 (January 1, 2011) The first version.

9   Legal

This package is in the public domain. Do with it as you please.

Microsoft once distributed the Georgia typeface as a part of the gratis (but not free) Microsoft 'Core Fonts for the Web' pack. The EULA allows for distribution of the complete pack in unmodified form; however, this is an `.exe` file that would be of little use to LaTeX users. I therefore took the liberty to extract the `Georgia.ttf` file and include it – unmodified – in this package.

A   Example

The following page shows an example of the package output, mimicking the Word template.

rijksuniversiteit
groningen

Hier staat een titel die over meerdere regels kan lopen.

Masteronderzoek Wiskunde

Maart 2008

Student: V.N. Achternaam

Eerste begeleider: P.R.O.F. Achternaam

Tweede begeleider: D.R. Achternaam