The `simpleinvoice` Package

Mathias Lohne

Contents

Contents **1**

1 Package overview **2**

2 Detailed descriptions **3**
2.1 Loading package 3
2.2 Description of all available commands 3

3 Example invoices **6**

4 Licensing and legal stuff **11**

1 Package overview

The `simpleinvoice` package lets you easily typeset professional-looking invoices, and makes sure that all the legally required information is on the invoice.

The package respects the global language set in the document, or can be loaded with another language specified. The languages currently supported are English, Norwegian (bokmål), French and German.

Following are a list of all available commands, detailed description are available in Section 2.2.

- \setinvoicenumber
- \setreceivername
- \setreceiveraddress
- \setname
- \setaddress
- \setphonenumber
- \setemail
- \setyourref
- \setourref
- \setinvoicedate
- \setdeadline
- \additem
- \setsubtotal
- \setvat
- \settotal
- \setaccountnumber
- \setsummary
- \setcurrency
- \setvattext
- \setaccounttext
- \makeinvoice

2 Detailed descriptions

2.1 Loading package

The package is loaded with the `\usepackage` command. If no language is specified in the options, the package defaults to the document language.

```
\documentclass[english]{article}

\usepackage{simpleinvoice}          % Falls back to english
% OR
\usepackage[french]{simpleinvoice}          % Specifies french
% OR
\usepackage[norsk]{simpleinvoice}   % Specifies norwegian
% OR
\usepackage[german]{simpleinvoice}  % Specifies german

\begin{document}

\makeinvoice

\end{document}
```

2.2 Description of all available commands

\setinvoicetitle

Overrides the standard title of the invoice. Optional command. Takes one argument: the new title. Example:

```
\setinvoicetitle{My invoice}
```

\setinvoicenumber

Sets the invoice number for the invoice. This command must be present, if not the text "No number" is printed in place of an invoice number. Takes one argument: the invoice number. Example:

```
\setinvoicenumber{42}
```

\setreceivername

Sets the receiver name for the invoice. This command must be present, if not the text "Company name" is printed in place of an receiver. Takes one argument: the receiver name. Example:

```
\setreceivername{Person McNameface}
```

\setreceiveraddress

Specifies the address for the receiver of the invoice. This command must be present, if not the text "Address line 1 (newline) Address line 2" is printed in place of an address. Takes one argument: a multi-line representation of the address. Example:

```
\setreceiveraddress{Roadname 35C \\ 52353 Cityville}
```

\setname

Specifies your (the sender's) name. This command must be present, if not the text "Your name" is printed in place of a name. Takes one argument: your name on a single line.

```
\setname{My Name}
```

\setaddress

Specifies your (the sender's) address. This command must be present, if not the text "Address line 1 (newline) Address line 2" is printed in place of an address. Takes two arguments: a multi-line representation of the address, and a single-line representation (for the invoice footer).

```
\setaddress{Streetname 4644C \\ 0000 City}{Streetname 4644C / 0000 City}
```

\setphonenumber

Sets your (the sender's) phone number. This command is optional, it is omitted from the invoice if not present. Takes one argument: a telephone number. Example:

```
\setphonenumber{123 45 678}
```

\setemail

Sets your (the sender's) email address. This command is optional, it is omitted from the invoice if not present. Takes one argument: a valid email address. Example:

```
\setemail{mail@domain.com}
```

\setyourref

Specifies the receiver's reference to the invoice, usually the person in the company you are billing that you have been in contact with. If the invoice is sent to a singe person, that person is their own reference. This command is optional, it is omitted from the invoice if not present (it is however highly suggested to include this). Takes one argument: a name. Example:

```
\setyourref{Person McNameface}
```

\setourref

Specifies your reference to the invoice (usually your own name, but if the invoice is sent by a company, this could be a specific employee). This command is optional, it is omitted from the invoice if not present (it is however highly suggested to include this). Takes one argument: a name. Example:

```
\setourref{My Name}
```

\setinvoicedate

Specify the date of the invoice. This command is optional, and the result of `\today` will be written if this command is omitted. Takes one argument: a date. Example:

```
\setinvoicedate{April 1, 2017}
```

\setdeadline

Specify the deadline of the invoice. This command is optional, and the deadline is set to 14 days from today if the command is omitted. Takes one argument: number of days later than invoice date. Example:

```
\setdeadline{21}     % extends deadline to April 22, 2017
```

\additem

Adds an item to the invoice. At least one instance of this command must be present. Otherwise, "No items yet" is printed. Takes four arguments: item description, item price, VAT percentage, and total price (including VAT). Example:

```
\additem{4 chairs}{100 USD}{0}{400 USD}
\additem{1 table}{250 USD}{0}{250 USD}
```

\setsubtotal

Specify the subtotal of all items before VAT is applied. This command must be present, otherwise "Subtotal" is written in place. Takes one argument: the subtotal. Example:

```
\setsubtotal{650 USD}
```

\setvat

Specify the amount of money given as sales tax for the sale (total). This command must be present, otherwise "VAT" is written in place. Takes one argument: the total VAT. Example:

```
\setvat{0 USD}
```

\settotal

Specify the total of all items after VAT is applied. This command must be present, otherwise "Total" is written in place. Takes one argument: the total. Example:

```
\settotal{650 USD}
```

\setaccountnumber

Specify the bank account for payment. This command must be present, otherwise "Bank account" is written in place. Takes one argument: the bank account for payment. Example:

```
\setaccountnumber{1234 56 78910}
```

\setsummary

Specify a summary to description of the invoice. This command is optional, and the field is left out if not set. Takes one argument: the message to use as the summary text. Example:

```
\setsummary{This is a short summary of the invoice.}
```

\setcurrency

Specify a currency to use in all price fields of the invoice. This command is optional, the default currency is no currency. Takes one argument: the currency code to use. Example:

```
\setcurrency{CAD}
```

\setvattext

Specify custom text for the VAT labels. This command is optional, the default text is "VAT". Takes one argument: the name of the tax use. Example:

```
\setvattext{HST}
```

\setaccounttext

Specify custom text for the account number labels, useful if not receiving payments through a bank transfer. This command is optional, the default text is "Account number". Takes one argument: the title of the field. Example:

```
\setaccounttext{Payment via}
```

\makeinvoice

Creates the specified invoice. Must be called after all the specifications has been set. Takes no arguments. Example:

```
\makeinvoice
```

3 Example invoices

Following are two different invoices. First, we create the invoice specified in Section 2.2. The code for this invoice is as follows:

```
\documentclass[english]{article}

\usepackage{simpleinvoice}

\begin{document}

\setvattext{Tax}
\setcurrency{USD}

\setinvoicetitle{My Invoice}
\setinvoicenumber{42}

\setreceivername{Person McNameface}
\setreceiveraddress{Roadname 35C \\ 52353 Cityville}

\setname{My Name}
\setaddress{Streetname 4644C \\ 0000 City}{Streetname 4644C / 0000 City}
\setphonenumber{123 45 678}
\setemail{mail@domain.com}

\setyourref{Person McNameface}
\setourref{My Name}

\setinvoicedate{April 1, 2017}
\setdeadline{21}     % extends deadline to April 22, 2017

\additem{4 chairs}{100}{0}{400}
\additem{1 table}{250}{0}{250}

\setsubtotal{650}
\setvat{0}
\settotal{650}
\setaccountnumber{1234 56 78910}
\makeinvoice

\end{document}
```

Which yields the result on the next page:

My Invoice

My Name
Streetname 4644C
0000 City
123 45 678
mail@domain.com

Person McNameface
Roadname 35C
52353 Cityville

Our ref: My Name
Your ref: Person McNameface
Invoice number: 42
Invoice date: April 1, 2017
Deadline: February 21, 2024

Description	Item price	Tax	Sum
4 chairs	100 USD	0 %	400 USD
1 table	250 USD	0 %	250 USD

Subtotal:	650 USD
Tax:	0 USD
Total:	650 USD

By paying after deadline, additional interest and fees may apply.

Payment info

Invoice number:	42
Total:	650 USD
Account number:	1234 56 78910

The `simpleinvoice` package behaves well with other styling options, such as loading other fonts, and specifying margins. Another example, this time in Norwegian, utilizing more styling options is found below:

```
\documentclass[a4paper, article, oneside, norsk, hidelinks, 10pt]{memoir}

%% Smaller margins
\usepackage[margin=1in]{geometry}

%% Encoding
\usepackage[utf8]{inputenc}
\usepackage[T1]{fontenc}

%% Fonts and typography
\usepackage[final]{microtype}         % Improved typography
\usepackage[sfdefault]{ClearSans}     % Sans serif font

%% Miscellanous styling
\pagestyle{empty}                     % Remove page number

% Invoice
\usepackage{simpleinvoice}

\begin{document}

\setcurrency{kr}

\setname{Navn Navnesen}
\setaddress{Langtvekkveien 13b \\ 0123 Oslo}{Langtvekkveien 13b / 0123
    Oslo}
\setaccountnumber{1234 56 78910}
\setourref{Navn Navnesen}
\setemail{mail@domain.no}
\setphonenumber{123 45 678}

\setreceivername{Rik Rikmansen og sønner}
\setreceiveraddress{Pengeveien 342 \\ 9876 Gokk}
\setyourref{Rik Rikmansen}

\setinvoicenumber{38}

\additem{Flere}{5 000.00}{20}{6 000.00}
\additem{Ulike}{8 000.00}{20}{9 600.00}
\additem{Ting}{10 000.00}{20}{12 000.00}

\setsubtotal{23 000.00}
\setvat{4 600.00}
\settotal{27 600.00}

\makeinvoice

\end{document}
```

This yields the result on the next page.

Faktura

Navn Navnesen
Langtvekkveien 13b
0123 Oslo
123 45 678
mail@domain.no

Vår ref: Navn Navnesen
Deres ref: Rik Rikmansen
Fakturanummer: 38
Fakturadato: January 31, 2024
Forfallsdato: February 14, 2024

Rik Rikmansen og sønner
Pengeveien 342
9876 Gokk

Beskrivelse	Enhetspris	MVA	Sum
Flere	5 000.00 kr	20 %	6 000.00 kr
Ulike	8 000.00 kr	20 %	9 600.00 kr
Ting	10 000.00 kr	20 %	12 000.00 kr

MVA-grunnlag:	23 000.00 kr
MVA:	4 600.00 kr
Å betale:	27 600.00 kr

Ved betaling etter forfall kan det påløpe renter og gebyr etter statens satser. Ved innsigelse vil kravet kunne bli sendt til forliksrådet, jf. tvistelovens § 5-2.

Betalingsinformasjon

Fakturanummer:	38
Sum å betale:	27 600.00 kr
Kontonummer:	1234 56 78910

4 Licensing and legal stuff

The package is licensed under the GPL v3 license. The full license is found on the GitHub page of the project, but the short version is that you may use this package freely, and without any charge. Even for commercial purposes. The only thing I ask in return is that if you improve the source code for the package in any way, I want you to send me those changes back. Either in an email, or as a pull request on GitHub. That way I can consider if I want to add your changes to the official package.