The **va** package*
for use with LaTeX2e

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1 Introduction

The fonts va and vacal provide glyphs for producing a handwritten writing. This package provides means to use those fonts.

2 Usage

This file can be used as a package by placing its name in the argument of `\usepackage`. Afterwards the font families va and vacal are defined. This could also have been done by providing two font definition files.

The font definitions in this file scale down the original fonts to LaTeX choose the right baselineskip. The original size of the va fonts can be selected with the commands `\Large\va` or `\Large\vacal`.

`\va`   The command `\va` changes the current font family to va and the encoding to T1. Usually this should be used in a TeX group only.

`\textva`   The command `\textva` typesets its argument in the va font.

`\vacal`   The command `\vacal` changes the current font family to vacal and the encoding to T1. Usually this should be used in a TeX group only.

`\textvacal`   The command `\textvacal` typesets its argument in the vacal font.

3 Implementation

First we declare a new font family for the va font.

1 `\DeclareFontFamily{T1}{va}{}`

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This font is only available in the normal shape. Here we can get the desired font by (silently) scaling the only present va14. Since the design size is 14 we have to scale down the font.

```
2 \DeclareFontShape{T1}{va}{m}{n}{<->s*[0.7]va14}{}
```

Next we do the same things for the font family vacal.

```
3 \DeclareFontFamily{T1}{vacal}{}
```

This font is only available in the normal shape. Here we can get the desired font by (silently) scaling the only present vacal14. Since the design size is 14 we have to scale down the font.

```
4 \DeclareFontShape{T1}{vacal}{m}{n}{<->s*[0.7]vacal14}{}
```

Now we define font changing commands.

\va   The macro \va selects the va family.

```
5 \DeclareRobustCommand\va{%
6   \fontfamily{va}%
7   \fontencoding{T1}%
8   \selectfont}
```

\textva   The macro \textva typesets its argument in the va font.

```
9 \newcommand\textva[1]{\begingroup\va #1\endgroup}
```

\vacal   The macro \vacal selects the vacal family.

```
10 \DeclareRobustCommand\vacal{%
11    \fontfamily{vacal}%
12    \fontencoding{T1}%
13    \selectfont}
```

\textva   The macro \textvacal typesets its argument in the vacal font.

```
14 \newcommand\textvacal[1]{\begingroup\vacal #1\endgroup}
```