### 1 Issues that still need fixing

Graphite: ख्रें के के के

Compare to the AAT version:  $\dot{\vec{q}}$   $\dot{\vec{q}}$   $\dot{\vec{q}}$ 

# 2 Tengwar Formal Unicode: Graphite and AAT options

Here are samples of the different options. The options are specified by adding something to the font name in the \font command. The extended font names are all given in this document. A font specification will look like this:

```
\font\bla="font(/GR):feature=value(; feature=value)"
```

In this specification, the part bla is a string of your choice. The part /GR is optional. It tells XeTEX to use the Graphite information. If you leave it away, it will use the AAT information (though AAT may only work on Mac OS X). Note that you can define as many features as you like. Here is an example:

```
\font \mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\mbox{$\
```

After this \font command has been defined, you can use \myformal as a command, for instance as follows:

```
\myformal Aceo 20ncm \normalfont
```

This will look like this: λςξο 20ncm

#### 2.1 Descending W-tengwa

#### 2.1.1 Default

#### 2.1.2 Descending W-tengwa

#### 2.2 Marked Osse

#### 2.2.1 Default: Never

```
"Tengwar Formal Unicode/GR"

ccc
"Tengwar Formal Unicode"

ccc
```

#### 2.2.2 Word final

```
"Tengwar Formal Unicode/GR:207=1"
    c c c
"Tengwar Formal Unicode:Marked Osse=Word final"
    c c c
```

#### 2.2.3 Always

```
"Tengwar Formal Unicode/GR:207=2"

$\sigma \sigma \sigma$

"Tengwar Formal Unicode:Marked Osse=Always"

$\sigma \sigma \sigma$
```

#### 2.3 Bar style

#### 2.3.1 Default: Straight

```
"Tengwar Formal Unicode/GR"
<u>ເປັນຂົ</u>
"Tengwar Formal Unicode"
<u>ເປັນຂົ</u>
```

#### 2.3.2 Tilde

```
"Tengwar Formal Unicode/GR:209=1"

ເປັນຂີ້
"Tengwar Formal Unicode:Bar style=Tilde"

ເປັນຂີ້
```

#### 2.4 A-tehta style

#### 2.4.1 Default: Dots

```
"Tengwar Formal Unicode/GR"
ກຸ່ງກຸ້
"Tengwar Formal Unicode"
ກຸ່ງກຸ້
```

#### 2.4.2 Tilde

```
"Tengwar Formal Unicode/GR:210=1"

pp

"Tengwar Formal Unicode:A-tehta style=Circumflex"

pp
```

#### 2.5 Sa-rince style

#### 2.5.1 Default: Hook

```
"Tengwar Formal Unicode/GR"
ກຸດຕຸດປະຕຸວານກໍ່ວານຕໍ່
"Tengwar Formal Unicode"
ກຸດຕຸດປະຕຸວານກໍ່ວານຕໍ່
```

#### 2.5.2 Swash

```
"Tengwar Formal Unicode/GR:211=1"
ກຸມເປັນປະຊານສິ່ງແລ້ ນູນູນ ໄຊ ໄຊ
"Tengwar Formal Unicode:Sa-rince style=Swash"
ກຸມເປັນປະຊານສິ່ງແລ້ ນູນູນ ໄຊ ໄຊ
```

# 3 Sample Text

#### 3.1 Graphite

## 3.2 AAT

λj ῒε ζ ἱω χρε ἱΔως μοω ὖσμο λj ιδορω ξροὰ ϊΔο ἢε ζοὰ χρορ ζορὰρμο....Δορω λρ οχί αθδοω αϊρμο ι Τρο χρε δίσαθμου το βο χρε διαθού το καθού το καθο