

Test LGR font encoding definitions

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The file `lgrenc.def` provides a comprehensive set of macros to typeset Greek with LGR encoded fonts. It works for both, monotonic and polytonic Greek, independent of the *Babel* package.

The example from `usage.tex` in *babel-greek* input using the LICR macros:

```
Τί φής; Ἰδὼν ἐνθέδε παῖδ' ἐλευθέραν  
τὰς πλησίον Νύμφας στεφανοῦσαν, Σώστρατε,  
ἑρῶν ἀπῆλθεσ εὐθύς;
```

1 Symbols

See the source file `lgrenc-test.tex` for the macros used to access the symbols.

1.1 Generic text symbols

Latin: + - = < > - - [()] { } \ | ‰ ‰‰ ◻

LGR: + - = - - [()]

```
< \textless  
> \textgreater  
{ \textbraceleft  
} \textbraceright  
\ \textbackslash  
| \textbar  
‰ \textperthousand (Per-mille symbol is missing in LGR.)  
◻ \textvisiblespace
```

Quotes:¹ «a» «α», ‘a’ ‘α’, “a” “α” (double quotes wrong with Kerkis fonts)

Single guillemets and base-quotes (‹a› „a” ‚a’) are missing in LGR.

Ligature break up with `\textcompwordmark`: AY fi AY ï ↦ AY fi AY ï

¹Single quotes need special attention to prevent conversion to accents. Test the input conventions: ‘α’ ‘α’ ‘α’ ‘α’ but not ’α’ ’α’

ˆΥ ˆΥ, ˆΩ, ˆΩ, ˆΩ ˆΩ, ˆΩ ˆΩ, A_I A_I A_I.
 Ũ Ũ, ˆω, ˆω, ˆω ˆω, ˆω ˆω, ˆα ˆα ˆα.

ˆá ˆé ˆí ˆñ ˆó ˆõ ˆω ˆA ˆE ˆI ˆH ˆO ˆΥ ˆΩ A_I A_I A_I.
 ˆá ˆé ˆí ˆñ ˆó ˆõ ˆω ˆá ˆé ˆí ˆñ ˆó ˆõ ˆα ˆα ˆα

ˆA ˆA ˆA ˆA ↦ ˆǎ ˆǎ ˆǎ ˆǎ

The tilde character can be used in combined accents. However, in documents not defining the Babel language *greek* or *polutonikogreek*, better use the tilde-accent macro, as the tilde produces a no-break space if converted with `\MakeUppercase` or `\MakeLowercase`:

combined accent with tilde character:

ĩ ũ ũ ũ ↦ " I I " Υ Υ Υ
 İ İ Ÿ Ÿ Ÿ ↦ " i i " υ υ υ

combined accent with tilde-accent macro:

ĩ ũ ↦ İ Ÿ
 İ Ÿ ↦ ĩ ũ

Accents input via the Latin transliteration are not dropped with `MakeUppercase`, unless Babel is loaded and the current language is Greek (because the required local re-definitions of the `uccode` are done in `greek.ldf` from the *babel-greek* package).

ˆá ˆı ˆà ˆâ ˆα ˆα ↦ ˆA ˆİ ˆA ˆA ˆA A_I

Accent macros can start with `\a` instead of `\` when the short form is redefined, e. g. inside a *tabbing* environment. This also works for the locally defined *dasia* and *psili* shortcuts `\<` and `\>`:

COL1	COL2	COL3	COL4
COL1		COL3	
Viele	Grüße	ˆá	ˆω

Combinations with named accents: ˆǎ ˆǎ ˆǎ.

The dialytika must be kept in UPPERCASE, e. g.

μαῖστρος ↦ MAÏΣΤΡΟΣ or εὐζωΐα ↦ EΥΖΩΪΑ.

This is implemented for all input variants of diacritics with dialytika:

ı ı ı ı ũ ũ ũ ũ ↦ İ İ İ İ Ÿ Ÿ Ÿ Ÿ,

Tonos and *dasia* mark a *hiatus* (break-up of a diphthong) if placed on the first vowel of a diphthong (ˆái, ˆáυ, ˆéι). A dialytika must be placed on the second vowel if they are dropped: (AĪ, AŸ, EĪ).

ἀυλος ↦ AŸΛΟΣ, ἄυλος ↦ AŸΛΟΣ, μάινα ↦ MAĪNA, κείκ ↦ KEĪK,
 ἄπνία ↦ AŸΠΝΙΑ, ρωμέικα ↦ ΡΩΜΕΪΚΑ

