

1 User Controls

These functions are available to the user to customize elements of the score which cannot be controlled from the gabc file.

1.1 Colors

Colors are strictly a \LaTeX phenomena as currently implemented. All commands which change the color of text simply print the text without alteration in PlainTeX .

All colors can be redefined using `\definecolor`. See `xcolor` package for documentation. Example:

```
\definecolor{gregoriocolor}{RGB}{229,53,44}
```

grebackgroundcolor

Color gregoriotex uses to block out elements which have been printed, but shouldn't show (e.g., the staff line going through the interior of a punctum cavum) `{RGB}{255,255,255}` (white)

gregoriocolor

Color of elements formatted by `\colored {RGB}{229,53,44}` (red similar to what is found in liturgical documents)

1.2 Environments

Environments are used to apply standard formatting to elements of the score. Redefining the environment (via a `\renewenvironment` command) allows the user to change how these elements appear in the score.

While environments are technically a \LaTeX phenomena, for users of PlainTeX each environment has a pseudo-environment equivalent which is used in place of the environment. The pseudo-environments are called with a `\start*` and `\stop*` command (where “*” is the name of the environment). To change the format of the text in the pseudo-environment, simply redefine these commands (usually you only need to redefine the `\start*` command). Just make sure that any new definition for `\start*` has `\begingroup` as the first line and for `\stop*` has `\endgroup` as the last line.

initialformat

Defines how the first letter of a score appears when using leading initial. Defaults to huge (New Century Roman at 40pt in PlainTeX).

Deprecated version: `\greinitialformat`

biginitialformat

Defines how the first letter of a score appears when using a 2-line leading initial. Defaults to Huge (New Century Roman at 80pt in PlainTeX)

Deprecated version: `\grebiginitialformat`

abovelinetextstyle

Defines how the text placed above the staff lines appears. Defaults to small and italic (italic only in PlainTeX).

Deprecated version: `\greabovelinetextstyle`

translationformat

Defines how the translation text appears. Defaults to italic.

normalstafflinesformat

Defines how the staff lines will appear. Note that the staff lines are drawn with `\hrule` and so very few things will actually affect their appearance (color being the most prominent one that does). Empty default.

Deprecated version: `\grenormalstafflinesformat`

additionalstafflinesformat

Defines how the additional staff lines (the little ones which are drawn for notes above or below the normal staff lines) appear. Defaults to normalstafflinesformat.

Deprecated version: `\greadditionalstafflinesformat`

lowchoralsignstyle

Defines how the low choral signs should appear. Empty default.

Deprecated version: `\grelowchoralsignstyle`

highchoralsignstyle

Defines how the high choral signs should appear. Empty default.

Deprecated version: `\grelowchoralsignstyle`

1.3 Commands

In general, commands should not be modified. Exceptions are noted below.

\colorred{#1}

Colors its argument with `gregoriocolor`. Modify color by changing `gregoriocolor`.
#1 is string.

\colorredlines{#1}

Colors the staff lines.

#1 must be a named color defined using `\definecolor`

Deprecated version: `\grecoloredlines`

\redlines

Short cut for coloring the staff lines `gregoriocolor`.

Equivalent to `\coloredlines{gregoriocolor}`. Modify color by changing `gregoriocolor`.

Deprecated version: `\greredlines`

\normallines

Removes all formatting from staff lines.

Deprecated version: `\grenormallines`

\setstaffsize{#1}

Changes the size of the staff (and the neumes placed on the staves).

#1 is an integer. Larger values for larger staves, smaller values for smaller staves. Default value is 17. *Note:* This does not change the size of the accompanying text (lyrics and/or translations).

Deprecated version: `\setgrefactor`

`\addtranslationspace`

Add space below the stave for a translation. Has no effect if space is already allocated for a translation.

`\removetranslationspace`

Removes the space below the stave for the translation (un-does `\addtranslationspace`). Has no effect if space is currently not allocated to a translation.

`\setfirstannotation{#1}`

Macro to set the first (top) annotation above the initial. Argument is string (the contents of the annotation). This macro automatically aligns the top of the annotation with the 4th bar line. This is equivalent to `\setfirstlineaboveinitial{#1}{#1}`.

Deprecated version: `\gresetfirstannotation`

Deprecated version: `\writemode` (n.b. this applied small caps and bold automatically while `\setfirstannotation` does not.)

`\setfirstlineaboveinitial{#1}{#2}`

Macro to set the first (top) annotation above the initial. This macros allows you to control how far below the top of the staff #1 (string containing contents of annotation) appears via the second argument. When its height is 0, the baseline of the annotation aligns with the 4th bar line. Positive values for the height push the annotation down. The argument cannot have a negative height. #2 can be pretty much anything with a visible representation. `\newline` and `\\` are not respected in either #1 or #2. Note: large annotations which stick out above the staff will push the commentary up.

Deprecated version: `\gresetfirstlineaboveinitial`

`\setsecondannotation{#1}`

Macro to set the second (bottom) annotation above the initial.

#1 is string containing contents of annotation.

Deprecated version: `\gresetsecondannotation`

\scorereference

Does nothing.

\commentary{#1}

Macro to place the commentary (usually the scriptural reference) in the top right-hand corner of the score. While individual calls do not support multiple lines, the macro can be called multiple times; each call will typeset a new line.

#1 is string containing contents of commentary.

\removelines

Macro to remove the staff lines.

Deprecated version: `\greremovelines`

\donotremovelines

Macro to force staff lines (undoes the effects of `\removelines`).

Deprecated version: `\gredonotremovelines`

\settrantlationcenteringscheme{#1}

Macro to change the centering scheme for the translation.

#1 — integer:

0 = translation is left aligned with the corresponding text;

1 = translation is centered below the corresponding text

Deprecated version: `\setgretranslationcenteringscheme`

\setnlbintranslation{#1}

Macro to change whether line breaks are allowed in the translations.

#1 — integer:

0 = line breaks are allowed

1 = line breaks are prohibited

\blockcustos

Macro to block custom. Applies to all subsequent scores in group.

Deprecated version: `\greblockcustos`

\GreSetStaffLinerFormat{#1}

Deprecated. Used to set the format for the staff lines. See above notes on the environments for updated documentation.

\includescore{#1}

Macro for including scores. Works on both gabc and tex files.

#1 is string specifying the filename and location of the score (relative or absolute).

\includetexscore{#1}

Macro for including scores which have already been run through gregorio (i.e. are in gtex format).

#1 is string specifying the filename and location of the score (relative or absolute).

Deprecated version: `\greincludetexscore`

\includegabescore{#1}

Macro for including scores which are in gabc format. This macro will run gregorio on the file before including it.

#1 is string specifying the filename and location of the score (relative or absolute).

Deprecated version: `\greincludegabcscore`

\GreUseNormalHyphen

Tell gregoriotex to use normal hyphens at the end of lines (default behavior).

Note: Placing an explicit hyphen in between special character brackets (i.e. `<sp>-</sp>`) in the gabc file will always result in a zero-width hyphen.

Note: This command only affects the hyphens within a score. Hyphens elsewhere in a document are unaffected (hence the "Gre" in the command name).

\GreUseZeroHyphen

Tell gregoriotex to use zero-width hyphens at the end of lines.

Note: This command only affects the hyphens within a score. Hyphens elsewhere in a document are unaffected (hence the "Gre" in the command name).

\GreForceHyphen

Tell gregoriotex to force the appearance of hyphens between all syllables.

Note: This command only affects the hyphens within a score. Hyphens elsewhere in a document are unaffected (hence the "Gre" in the command name).

\removeclef

Macro to remove the clefs from a score.

Deprecated version: `\greremoveclef`

\normalclef

Macro to restore clefs to a score (undoes the effects of `\removeclef`).

Deprecated version: `\grenormalclef`

\removecusto

Macro to empty the box containing the custos.

\GreHidePCLines

Macro to tell gregoriotex to hide the lines through the middle of a punctum cavum. Default.

\GreDontHidePCLines

Macro to tell gregoriotex not to hide the lines through the middle of a punctum cavum.

\GreHideAltLines

Macro to tell gregoriotex to hide the lines behind alterations.

\GreDontHideAltLines

Macro to tell gregoriotex not to hide the lines behind alterations. Default.

\UseAlternatePunctumCavum

Changes settings to use the alternative punctum cavum.

\UseNormalPunctumCavum

Changes settings to use the normal punctum cavum. Default.