# The file `greek.fdd` for use with LaTeX 2ε.*

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## 1 Introduction

The file 'greek.fdd' provides font definitions for typesetting greek texts. This version of the file has been updated, since now the official fonts for the greek option of the babel package are the cb fonts.

The font definition files prduced from this documented source make the cb fonts compatible with both the Computer Modern collection (both CM and EC) and the Latin Modern one.

## 2 The `docstrip` modules

The following modules are used to direct `docstrip` in generating external files:

| | |
|---|---|
| driver | produce a documentation driver file |
| LGRenc | The encoding definition file |
| LGRcmr | The Roman font shapes |
| LGRcmro | The Outline Roman font shapes |
| LGRcmss | The Sans Serif font shapes |
| LGRcmtt | The typewriter font shapes |
| LGRlcmss | The slide size Sans Serif font shapes |
| LGRlcmtt | The slide size typewriter fonts |
| LGRlmr | The Roman font shapes |
| LGRlmro | The Outline Roman font shapes |
| LGRlmss | The Sans Serif font shapes |
| LGRlmtt | The typewriter font shapes |

A typical DOCSTRIP command file would then have entries like:

```
\generateFile{lgrcmr.fd}{t}{\from{greek.fdd}{fd,LGRcmr}}
```

## 3 The encoding definition file

This file defines the fontencoding `LGR` for greek text. Moreover, it provides the `\EC@family` macro, since the Greek fonts have the same naming conventions as the Latin ones produced by Jörg Knappen that are now the official fonts of LaTeX 2ε. It also makes some definitions to ensure that commands such as `\TeX`, `\copyright` give "expected results" (TeX, ©).

```
1 ⟨*LGRenc⟩
2 \DeclareFontEncoding{LGR}{}{}
3 \DeclareFontSubstitution{LGR}{cmr}{m}{n}
4 \DeclareErrorFont{LGR}{cmr}{m}{n}{10}
```

*This file has version number v2.3, dated 2008/06/17.

First we define a few commands in the LGR encoding.

```
\ProvideTextCommand{\textcopyright}{LGR}{%
  \textcircled{\textlatin{c}}}
\ProvideTextCommand{\textregistered}{LGR}{%
  \textcircled{\textlatin{\textsc r}}}
\ProvideTextCommand{\texttrademark}{LGR}{%
  \textsuperscript{\textlatin{TM}}}
\ProvideTextCommand{\SS}{LGR}{%
  \textlatin{SS}}
⟨/LGRenc⟩
```

# 4 The font definition files

In the previous release of the greek option we used the kd family of fonts, which were made by K.J. Dryllerakis. Now, we have switched to the cb fonts by Claudio Beccari, mainly because these fonts are complete, in any sense of the word, and moreover fit nicely with the Computer Modern font family.

We begin with the definitions for the Greek Computer Modern fonts.

```
⟨*LGRcmr⟩
\providecommand{\EC@family}[5]{%
  \DeclareFontShape{#1}{#2}{#3}{#4}
  {<5><6><7><8><9><10><10.95><12><14.4>%
   <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
\DeclareFontFamily{LGR}{cmr}{}
\EC@family{LGR}{cmr}{m}{n}    {grmn}
\EC@family{LGR}{cmr}{m}{sl}   {grmo}
\EC@family{LGR}{cmr}{m}{it}   {grmi}
\EC@family{LGR}{cmr}{m}{sc}   {grmc}
\EC@family{LGR}{cmr}{m}{ui}   {grmu}
\EC@family{LGR}{cmr}{m}{li}   {grml}
\EC@family{LGR}{cmr}{m}{rs}   {gmmn}
\EC@family{LGR}{cmr}{m}{ro}   {gmmo}
%
\EC@family{LGR}{cmr}{bx}{sc}  {grxc}
\EC@family{LGR}{cmr}{bx}{n}   {grxn}
\EC@family{LGR}{cmr}{bx}{sl}  {grxo}
\EC@family{LGR}{cmr}{bx}{it}  {grxi}
\EC@family{LGR}{cmr}{bx}{ui}  {grxu}
\EC@family{LGR}{cmr}{bx}{li}  {grxl}
\EC@family{LGR}{cmr}{bx}{rs}  {gmxn}
\EC@family{LGR}{cmr}{bx}{ro}  {gmxo}
\EC@family{LGR}{cmr}{b}{li}   {grbl}
\DeclareFontShape{LGR}{cmr}{b}{n}
       {<->ssub*cmr/bx/n}{}
\DeclareFontShape{LGR}{cmr}{b}{sc}
       {<->ssub*cmr/bx/sc}{}
⟨/LGRcmr⟩
```

The greek outline family is now complete with the same five shapes and the two series as the roman family.

```
⟨*LGRcmro⟩
\providecommand{\EC@family}[5]{%
  \DeclareFontShape{#1}{#2}{#3}{#4}
  {<5><6><7><8><9><10><10.95><12><14.4>%
   <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
\DeclareFontFamily{LGR}{cmro}{}
\EC@family{LGR}{cmro}{m}{n}    {gomn}
\EC@family{LGR}{cmro}{m}{sl}   {gomo}
\EC@family{LGR}{cmro}{m}{it}   {gomi}
\EC@family{LGR}{cmro}{m}{sc}   {gomc}
\EC@family{LGR}{cmro}{m}{ui}   {gomu}
```

```
\EC@family{LGR}{cmro}{bx}{sc}  {goxc}
\EC@family{LGR}{cmro}{bx}{n}   {goxn}
\EC@family{LGR}{cmro}{bx}{sl}  {goxo}
\EC@family{LGR}{cmro}{bx}{it}  {goxi}
\EC@family{LGR}{cmro}{bx}{ui}  {goxu}
\DeclareFontShape{LGR}{cmro}{b}{n}
       {<->ssub*cmro/bx/n}{}
\DeclareFontShape{LGR}{cmro}{b}{sc}
       {<->ssub*cmro/bx/sc}{}
⟨/LGRcmro⟩
```

Then we have the `typewriter` fonts...

```
⟨*LGRcmtt⟩
\providecommand{\EC@family}[5]{%
  \DeclareFontShape{#1}{#2}{#3}{#4}
  {<5><6><7><8><9><10><10.95><12><14.4>%
   <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
\DeclareFontFamily{LGR}{cmtt}{\hyphenchar\font\m@ne}% \hyphenchar = -1
\EC@family{LGR}{cmtt}{m}{n}   {gttn}
\EC@family{LGR}{cmtt}{m}{sl}  {gtto}
\EC@family{LGR}{cmtt}{m}{sc}  {gttc}
\EC@family{LGR}{cmtt}{m}{it}  {gtti}
\EC@family{LGR}{cmtt}{m}{ui}  {gttu}
\DeclareFontShape{LGR}{cmtt}{bx}{n}
       {<->ssub*cmtt/m/n}{}
\DeclareFontShape{LGR}{cmtt}{bx}{sl}
       {<->ssub*cmtt/m/sl}{}
\DeclareFontShape{LGR}{cmtt}{bx}{it}
       {<->ssub*cmtt/m/it}{}
\DeclareFontShape{LGR}{cmtt}{bx}{sc}
       {<->ssub*cmtt/m/sc}{}
\DeclareFontShape{LGR}{cmtt}{bx}{ui}
       {<->ssub*cmtt/m/ui}{}
⟨/LGRcmtt⟩
```

Now we come to the Sans Serif font to be used in greek texts.

```
⟨*LGRcmss⟩
\providecommand{\EC@family}[5]{%
  \DeclareFontShape{#1}{#2}{#3}{#4}
  {<5><6><7><8><9><10><10.95><12><14.4>%
   <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
\DeclareFontFamily{LGR}{cmss}{}
\EC@family{LGR}{cmss}{m}{n}    {gsmn}
\EC@family{LGR}{cmss}{m}{sl}   {gsmo}
\EC@family{LGR}{cmss}{m}{sc}   {gsmc}
\EC@family{LGR}{cmss}{m}{it}   {gsmi}
\EC@family{LGR}{cmss}{m}{ui}   {gsmu}
\EC@family{LGR}{cmss}{m}{iv}   {gsme}
\EC@family{LGR}{cmss}{m}{uv}   {gsma}
%
\EC@family{LGR}{cmss}{bx}{n}   {gsxn}
\EC@family{LGR}{cmss}{bx}{sl}  {gsxo}
\EC@family{LGR}{cmss}{bx}{sc}  {gsxc}
\EC@family{LGR}{cmss}{bx}{it}  {gsxi}
\EC@family{LGR}{cmss}{bx}{ui}  {gsxu}
\EC@family{LGR}{cmss}{bx}{iv}  {gsxe}
\EC@family{LGR}{cmss}{bx}{uv}  {gsxa}
⟨/LGRcmss⟩
```

We have finished with the “regular” fonts. We now provide the fonts definition files for the fonts used only in slides. First comes the typewriter font.

```
⟨*LGRlcmtt⟩
\DeclareFontFamily{LGR}{lcmtt}{\hyphenchar\font\m@ne}
```

```
\DeclareFontShape{LGR}{lcmtt}{m}{n}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * gltn}{}
\DeclareFontShape{LGR}{lcmtt}{m}{In}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * gljn}{}
\DeclareFontShape{LGR}{lcmtt}{m}{it}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glto}{}
\DeclareFontShape{LGR}{lcmtt}{m}{Iit}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * gljo}{}
\DeclareFontShape{LGR}{lcmtt}{m}{sl}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 ssub * lcmtt/m/it}{}
\DeclareFontShape{LGR}{lcmtt}{m}{Isl}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 ssub * lcmtt/m/Iit}{}
\DeclareFontShape{LGR}{lcmtt}{m}{sc}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * gltc}{}
\DeclareFontShape{LGR}{lcmtt}{m}{Isc}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * gljc}{}
⟨/LGRlcmtt⟩
```

And then the Sans Serif font.

```
⟨*LGRlcmss⟩
\DeclareFontFamily{LGR}{lcmss}{}
\DeclareFontShape{LGR}{lcmss}{m}{n}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glmn}{}
\DeclareFontShape{LGR}{lcmss}{m}{In}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glin}{}
\DeclareFontShape{LGR}{lcmss}{m}{sl}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glmo}{}
\DeclareFontShape{LGR}{lcmss}{m}{Isl}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glio}{}
\DeclareFontShape{LGR}{lcmss}{m}{it}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glmi}{}
\DeclareFontShape{LGR}{lcmss}{m}{Iit}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glii}{}
\DeclareFontShape{LGR}{lcmss}{m}{ui}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glmu}{}
\DeclareFontShape{LGR}{lcmss}{bx}{n}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glxn}{}
\DeclareFontShape{LGR}{lcmss}{bx}{In}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glwn}{}
\DeclareFontShape{LGR}{lcmss}{bx}{sl}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glxo}{}
\DeclareFontShape{LGR}{lcmss}{bx}{Isl}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glwo}{}
\DeclareFontShape{LGR}{lcmss}{bx}{it}{%
```

```
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glxi}{}
\DeclareFontShape{LGR}{lcmss}{bx}{Iit}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glwi}{}
\DeclareFontShape{LGR}{lcmss}{m}{sc}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glmc}{}
\DeclareFontShape{LGR}{lcmss}{m}{Isc}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glic}{}
\DeclareFontShape{LGR}{lcmss}{bx}{sc}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glxc}{}
\DeclareFontShape{LGR}{lcmss}{bx}{Isc}{%
 <7><8><10><12><13.82><16.59><19.91><23.89><28.66><34.4><41.28>
 genb * glwc}{}
⟨/LGRlcmss⟩
```

And now come the font definition files compatible with the Latin Modern family names and sizes; notice that the Latin Modern fonts are available only as scalable PostScript fonts, therefore they cope with continuous scaling; also the `cb` fonts are distributed as scalable PostScript fonts, so it makes sense to use the same size and family specifications as the LM fonts.

We start with the Latin Modern Regular.

```
⟨*LGRlmr⟩
\DeclareFontFamily{LGR}{lmr}{}
\DeclareFontShape{LGR}{lmr}{m}{n}%
     {<-5.5>    grmn0500     <5.5-6.5> grmn0600
      <6.5-7.5> grmn0700     <7.5-8.5> grmn0800
      <8.5-9.5> grmn0900     <9.5-11>  grmn1000
      <11-15>   grmn1200     <15->     grmn1728}{}
\DeclareFontShape{LGR}{lmr}{m}{rs}%
     {<-5.5>    gmmn0500     <5.5-6.5> gmmn0600
      <6.5-7.5> gmmn0700     <7.5-8.5> gmmn0800
      <8.5-9.5> gmmn0900     <9.5-11>  gmmn1000
      <11-15>   gmmn1200     <15->     gmmn1728}{}
\DeclareFontShape{LGR}{lmr}{m}{sl}%
     {<-8.5>    grmo0800    <8.5-9.5> grmo0900
      <9.5-11>  grmo1000   <11-15>    grmo1200
      <15->     grmo1728}{}
\DeclareFontShape{LGR}{lmr}{m}{ro}%
     {<-8.5>    gmmo0800    <8.5-9.5> gmmo0900
      <9.5-11>  gmmo1000   <11-15>    gmmo1200
      <15->     gmmo1728}{}
\DeclareFontShape{LGR}{lmr}{m}{it}%
     {<-7.5>    grmi0700
      <7.5-8.5> grmi0800    <8.5-9.5> grmi0900
      <9.5-11>  grmi1000   <11-15>    grmi1200
      <15->     grmi1728}{}
\DeclareFontShape{LGR}{lmr}{m}{li}%
     {<-7.5>    grml0700
      <7.5-8.5> grml0800    <8.5-9.5> grml0900
      <9.5-11>  grml1000   <11-15>    grml1200
      <15->     grml1728}{}
\DeclareFontShape{LGR}{lmr}{m}{ui}%
     {<-7.5>    grmu0700
      <7.5-8.5> grmu0800    <8.5-9.5> grmu0900
      <9.5-11>  grmu1000   <11-15>    grmu1200
      <15->     grmu1728}{}
\DeclareFontShape{LGR}{lmr}{m}{sc}%
     {<-7.5>    grmc0700
      <7.5-8.5> grmc0800    <8.5-9.5> grmc0900
```

```
      <9.5-11>  grmc1000   <11-15>    grmc1200
      <15->     grmc1728}{}
% slanted CSC is changed to unslanted CSC
\DeclareFontShape{LGR}{lmr}{m}{scsl}%
     {<-> ssub*lmr/m/sc}{}
%%%%%%% bold and bold extended series
\DeclareFontShape{LGR}{lmr}{bx}{n}
     {<-5.5>    grxn0500      <5.5-6.5> grx0600
      <6.5-7.5> grxn0700      <7.5-8.5> grxn0800
      <8.5-9.5> grxn0900      <9.5-11>  grxn1000
      <11-15>   grxn1200      <15->     grxn1728}{}
\DeclareFontShape{LGR}{lmr}{bx}{rs}
     {<-5.5>    gmxn0500      <5.5-6.5> gmx0600
      <6.5-7.5> gmxn0700      <7.5-8.5> gmxn0800
      <8.5-9.5> gmxn0900      <9.5-11>  gmxn1000
      <11-15>   gmxn1200      <15->     gmxn1728}{}
\DeclareFontShape{LGR}{lmr}{bx}{it}
     {<-7.5>    grxi0700
      <7.5-8.5> grxi0800    <8.5-9.5> grxi0900
      <9.5-11>  grxi1000    <11-15>   grxi1200
      <15->     grxi1728}{}
\DeclareFontShape{LGR}{lmr}{b}{li}
     {<-7.5>    grbl0700
      <7.5-8.5> grbl0800    <8.5-9.5> grbl0900
      <9.5-11>  grbl1000    <11-15>   grbl1200
      <15->     grbl1728}{}
\DeclareFontShape{LGR}{lmr}{bx}{li}
     {<-7.5>    grxl0700
      <7.5-8.5> grxl0800    <8.5-9.5> grxl0900
      <9.5-11>  grxl1000    <11-15>   grxl1200
      <15->     grxl1728
      }{}
\DeclareFontShape{LGR}{lmr}{bx}{ui}
     {<-7.5>    grxu0700
      <7.5-8.5> grxu0800    <8.5-9.5> grxu0900
      <9.5-11>  grxu1000   <11-15>    grxu1200
      <15->     grxu1728}{}
\DeclareFontShape{LGR}{lmr}{bx}{sl}
     {<-8.5>    grxo0800    <8.5-9.5> grxo0900
      <9.5-11>  grxo1000   <11-15>    grxo1200
      <15->     grxo1728}{}
\DeclareFontShape{LGR}{lmr}{bx}{ro}
     {<-8.5>    gmxo0800    <8.5-9.5> gmxo0900
      <9.5-11>  gmxo1000   <11-15>    gmxo1200
      <15->     gmxo1728}{}
\DeclareFontShape{LGR}{lmr}{bx}{sc}%
     {<-7.5>    grxc0700
      <7.5-8.5> grxc0800    <8.5-9.5> grxc0900
      <9.5-11>  grxc1000   <11-15>    grxc1200
      <15->     grxc1728}{}
⟨/LGRlmr⟩
```

Then the Latin Modern Regular Outline

```
⟨*LGRlmro⟩
\DeclareFontFamily{LGR}{lmro}{}
\DeclareFontShape{LGR}{lmro}{m}{n}%
     {<-5.5>    gomn0500     <5.5-6.5> gomn0600
      <6.5-7.5> gomn0700     <7.5-8.5> gomn0800
      <8.5-9.5> gomn0900     <9.5-11>  gomn1000
      <11-15>   gomn1200     <15->     gmr1728}{}
\DeclareFontShape{LGR}{lmro}{m}{sl}%
     {<-8.5>    gomo0800    <8.5-9.5> gomo0900
      <9.5-11>  gomo1000    <11-15>   gomo1200
```

```
      <15->     gomo1728}{}
\DeclareFontShape{LGR}{lmro}{m}{it}%
     {<-7.5>    gomi0700
      <7.5-8.5> gomi0800    <8.5-9.5> gomi0900
      <9.5-11>  gomi1000   <11-15>    gomi1200
      <15->     gomi1728}{}
\DeclareFontShape{LGR}{lmro}{m}{ui}%
     {<-7.5>    gomu0700
      <7.5-8.5> gomu0800    <8.5-9.5> gomu0900
      <9.5-11>  gomu1000   <11-15>    gomu1200
      <15->     gomu1728}{}
\DeclareFontShape{LGR}{lmro}{m}{sc}%
     {<-7.5>    gomc0700
      <7.5-8.5> gomc0800    <8.5-9.5> gomc0900
      <9.5-11>  gomc1000   <11-15>    gomc1200
      <15->     gomc1728}{}
% slanted CSC is changed to unslanted CSC
\DeclareFontShape{LGR}{lmro}{m}{scsl}%
     {<-> ssub*lmr/m/sc}{}
%%%%%%% bold extended series
\DeclareFontShape{LGR}{lmro}{bx}{n}
     {<-5.5>    goxn0500      <5.5-6.5> gox0600
      <6.5-7.5> goxn0700      <7.5-8.5> goxn0800
      <8.5-9.5> goxn0900      <9.5-11>  goxn1000
      <11-15>   goxn1200      <15->     goxn1728}{}
\DeclareFontShape{LGR}{lmro}{bx}{it}
     {<-7.5>    goxi0700
      <7.5-8.5> goxi0800    <8.5-9.5> goxi0900
      <9.5-11>  goxi1000   <11->      goxi1200
      <15->     goxi1728}{}
\DeclareFontShape{LGR}{lmro}{bx}{ui}
     {<-7.5>    goxu0700
      <7.5-8.5> goxu0800    <8.5-9.5> goxu0900
      <9.5-11>  goxu1000   <11->      goxu1200
      <15->     goxu1728}{}
\DeclareFontShape{LGR}{lmro}{bx}{sl}
     {<-8.5>    goxo0800    <8.5-9.5> goxo0900
      <9.5-11>  goxo1000   <11-15>   goxo1200
      <15->     goxo1728}{}
\DeclareFontShape{LGR}{lmro}{bx}{sc}%
     {<-7.5>    goxc0700
      <7.5-8.5> goxc0800    <8.5-9.5> goxc0900
      <9.5-11>  goxc1000   <11-15>    goxc1200
      <15->     goxc1728}{}
⟨/LGRlmro⟩
```

Now the Latin Modern Sans Serif

```
⟨*LGRlmss⟩
\DeclareFontFamily{LGR}{lmss}{}
\DeclareFontShape{LGR}{lmss}{m}{n}
     {<-8.5>    gsmn0800
      <8.5-9.5> gsmn0900      <9.5-11>  gsmn1000
      <11-15.5> gsmn1200     <15.5->    gsmn1728}{}
\DeclareFontShape{LGR}{lmss}{m}{it}
     {<-8.5>    gsmi0800
      <8.5-9.5> gsmi0900      <9.5-11>  gsmi1000
      <11-15.5> gsmi1200     <15.5->    gsmi1728}{}
\DeclareFontShape{LGR}{lmss}{m}{iv}
     {<-8.5>    gsme0800
      <8.5-9.5> gsme0900      <9.5-11>  gsme1000
      <11-15.5> gsme1200     <15.5->    gsme1728}{}
\DeclareFontShape{LGR}{lmss}{m}{ui}
     {<-8.5>    gsmu0800
```

```
      <8.5-9.5> gsmu0900      <9.5-11>  gsmu1000
      <11-15.5> gsmu1200     <15.5->    gsmu1728}{}
\DeclareFontShape{LGR}{lmss}{m}{uv}
     {<-8.5>    gsma0800
      <8.5-9.5> gsma0900      <9.5-11>  gsma1000
      <11-15.5> gsma1200     <15.5->    gsma1728}{}
\DeclareFontShape{LGR}{lmss}{m}{sl}
     {<-8.5>    gsmo0800
      <8.5-9.5> gsmo0900      <9.5-11>  gsmo1000
      <11-15.5> gsmo1200     <15.5->    gsmo1728}{}
\DeclareFontShape{LGR}{lmss}{m}{sc}
       {<-8.5>  gsmc0800
      <8.5-9.5> gsmc0900      <9.5-11>  gsmc1000
      <11-15.5> gsmc1200     <15.5->    gsmc1728}{}
%%%%%%%% semibold condensed series substituted with medium series
\DeclareFontShape{LGR}{lmss}{sbc}{n}
{<-> ssub*lmss/m/n}{}
\DeclareFontShape{LGR}{lmss}{sbc}{sl}
{<-> ssub*/lmss/m/sl}{}
\DeclareFontShape{LGR}{lmss}{sbc}{it}
{<->ssub*lmss/m/sl}{}
%%%%%%%% bold extended series
\DeclareFontShape{LGR}{lmss}{bx}{n}
     {<-8.5>    gsxn0800
      <8.5-9.5> gsxn0900      <9.5-11>  gsxn1000
      <11-15.5> gsxn1200     <15.5->    gsxn1728}{}
\DeclareFontShape{LGR}{lmss}{bx}{sl}
     {<-8.5>    gsxo0800
      <8.5-9.5> gsxo0900      <9.5-11>  gsxo1000
      <11-15.5> gsxo1200     <15.5->    gsxo1728}{}
\DeclareFontShape{LGR}{lmss}{bx}{it}
     {<-8.5>    gsxi0800
      <8.5-9.5> gsxi0900      <9.5-11>  gsxi1000
      <11-15.5> gsxi1200     <15.5->    gsxi1728}{}
\DeclareFontShape{LGR}{lmss}{bx}{iv}
     {<-8.5>    gsxe0800
      <8.5-9.5> gsxe0900      <9.5-11>  gsxe1000
      <11-15.5> gsxe1200     <15.5->    gsxe1728}{}
\DeclareFontShape{LGR}{lmss}{bx}{ui}
     {<-8.5>    gsxu0800
      <8.5-9.5> gsxu0900      <9.5-11>  gsxu1000
      <11-15.5> gsxu1200     <15.5->    gsxu1728}{}
\DeclareFontShape{LGR}{lmss}{bx}{uv}
     {<-8.5>    gsxa0800
      <8.5-9.5> gsxa0900      <9.5-11>  gsxa1000
      <11-15.5> gsxa1200     <15.5->    gsxa1728}{}
\DeclareFontShape{LGR}{lmss}{bx}{sc}
       {<-8.5>  gsxc0800
      <8.5-9.5> gsxc0900      <9.5-11>  gsxc1000
      <11-15.5> gsxc1200     <15.5->    gsxc1728}{}
⟨/LGRlmss⟩
```

And finally the Latin Modern typewriter font.

```
⟨*LGRlmtt⟩
\DeclareFontFamily{LGR}{lmtt}{\hyphenchar\font\m@ne}
\DeclareFontShape{LGR}{lmtt}{m}{n}
     {<-8.5>   gttn0800     <8.5-9.5> gttn0900
      <9.5-11> gttn1000    <11-15>    gttn1200
      <15->    gttn1728}{}
\DeclareFontShape{LGR}{lmtt}{m}{it}
     {<-> ssub*lgr/lmtt/m/sl}{}
\DeclareFontShape{LGR}{lmtt}{m}{sl}
     {<-8.5>   gtto0800     <8.5-9.5> gtto0900
```

```
      <9.5-11> gtto1000    <11-15>    gtto1200
      <15->    gtto1728}{}
\DeclareFontShape{LGR}{lmtt}{m}{sc}
     {<-8.5>   gttc0800     <8.5-9.5> gttc0900
      <9.5-11> gttc1000     <11-15>   gttc1200
      <15->    gttc1728}{}
% shape undefined, substituted with unslanted
\DeclareFontShape{LGR}{lmtt}{m}{scsl}{<-> ssub*lmtt/m/sc}{}
```
⟨/LGRlmtt⟩

The slide fonts have not been mapped to the Latin Modern families and sizes, because there are no slide fonts in the LM collection. Moreover nowadays the traditional slide fonts are very seldom used, since slides are produced with other classes different from the class `slides`, and they use different fonts.

The next line goes into all files and in addition prevents DOCSTRIP from adding any further code from the main source file (such as a character table.

```
\endinput
```