LinguisTiX-english

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https://ctan.org/pkg/linguistix

https://puszcza.gnu.org.ua/projects/linguistix

https://matrix.to/#/#linguistix:matrix.org

English

```
1  ⟨*english⟩
2  \ProvidesExplPackage{linguistix-english}
3                       {2026-11-01}
4                       {v1.1}
5                       {English}
```

When English language is active, it should not replace the set of characters that are categorized as "letters" by TEX. Thus I load `letters` as an additional parameter to the option `onchar`.

```
6
7  \babelprovide [
8    onchar                = { ids~ fonts~ letters }
9  ] { english }
```

Here I will add the code that is executed whenever `\selectlanguage{`⟨*english*⟩`}` is issued. The socket for native numbering is used here.

```
10
11 \addto { \extrasenglish } {
12   \socket_use:n { lngx / native-numbering }
```

`\lngx_misc_reset:` is used in order to reset the changes made by other languages.

```
13   \lngx_misc_reset:
14 }
```

I test if "english" is the main language of the document. If no, then it needs to set the suitable fonts using the babel-macros that set fonts for other languages. I load the identical fonts that are loaded if it was the default language. In fact, that is why if it is

The LinguisTiX bundle
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the default language, no changes are made, because the necessary settings are already done by LinguisTiX-fonts.

```
\tl_if_eq:NnTF \g_lngx_main_language_tl { english } {
  \lngx_set_keys:n { old~ style~ numbers }
} {
  \lngx_other_main_font:nnn { english } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCM10-Book.otf }
  \lngx_other_sans_font:nnn { english } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCMSans10-Book.otf }
  \lngx_other_mono_font:nnn { english } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCMMono10-Book.otf }
}
```
⟨/english⟩

British English

⟨*british⟩
```
\ProvidesExplPackage{linguistix-british}
                    {2026-11-01}
                    {v1.1}
                    {British English}
```

When English language is active, it should not replace the set of characters that are categorised as "letters" by TEX. Thus I load `letters` as an additional parameter to the option `onchar`.

```
\babelprovide [
  onchar               = { ids~ fonts~ letters }
] { british }
```

Here I will add the code that is executed whenever `\selectlanguage{`⟨*british*⟩`}` is issued. The socket for native numbering is used here.

```
\addto { \extrasbritish } {
  \socket_use:n { lngx / native-numbering }
```

`\lngx_misc_reset:` is used in order to reset the changes made by other languages.

```
  \lngx_misc_reset:
}
```

I test if 'british' is the main language of the document. If no, then it needs to set the suitable fonts using the babel-macros that set fonts for other languages. I load the identical fonts that are loaded if it was the default language. In fact, that is why if it is the default language, no changes are made, because the necessary settings are already done by LinguisTiX-fonts.

```

\tl_if_eq:NnTF \g_lngx_main_language_tl { british } {
  \lngx_set_keys:n { old~ style~ numbers }
} {
  \lngx_other_main_font:nnn { british } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCM10-Book.otf }
  \lngx_other_sans_font:nnn { british } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCMSans10-Book.otf }
  \lngx_other_mono_font:nnn { british } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCMMono10-Book.otf }
}
⟨/british⟩
```

1 American English

```
⟨*american⟩
\ProvidesExplPackage{linguistix-american}
                    {2026-11-01}
                    {v1.1}
                    {American English}
```

When English language is active, it should not replace the set of characters that are categorized as "letters" by TEX. Thus I load `letters` as an additional parameter to the option `onchar`.

```

\babelprovide [
  onchar               = { ids~ fonts~ letters }
] { american }
```

Here I will add the code that is executed whenever `\selectlanguage{`⟨*american*⟩`}` is issued. The socket for native numbering is used here.

```
\addto { \extrasamerican } {
  \socket_use:n { lngx / native-numbering }
```

`\lngx_misc_reset:` is used in order to reset the changes made by other languages.

```
  \lngx_misc_reset:
}
```

I test if "american" is the main language of the document. If no, then it needs to set the suitable fonts using the babel-macros that set fonts for other languages. I load the identical fonts that are loaded if it was the default language. In fact, that is why if it is the default language, no changes are made, because the necessary settings are already done by LinguisTiX-fonts.

```
\tl_if_eq:NnTF \g_lngx_main_language_tl { american } {
  \lngx_set_keys:n { old~ style~ numbers }
} {
  \lngx_other_main_font:nee { american } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCM10-Book.otf }
  \lngx_other_sans_font:nee { american } {
    \bool_if:NT \g_lngx_old_style_bool {
      Numbers              = { OldStyle },
      \bool_if:NT \g_lngx_old_style_one_bool {
        CharacterVariant     = { 6 }
      }
    }
  } { NewCMSans10-Book.otf }
  \lngx_other_mono_font:nnn { american } {  } {
    NewCMMono10-Book.otf
  }
}
```

⟨/american⟩