GSoC 2017: Charmap Integration

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Agenda

● Basic Idea and Overview

● Unicode Name Glyph Search
  - Within font and Inter font dynamic Glyph Search

● Quick Access Controls
  - Favorites and Recently-used characters

● Toolbar dropdown control
  - Easy Access to the special character features

● Alternative Interactions
  - Context Menu and Unicode Indexes
Basic Idea and Overview

- Create a way to quickly re-use recently-picked special characters, allowing the user to search in the whole character map, which has no filter to narrow down results.
- Allow users to create their own ‘Special Characters’ subset (Individualization).
- Sorting by last in, first out; items from the list of recently used characters are sorted to the beginning if selected.
- Create a toolbar dropdown control to easily access recent symbols and the user-defined custom subset.
- Have a preview along with the Unicode name.
- Better UI for search (within font subsets) using Unicode name, hex and decimal code.
- Different subsets within a font need a separation in the special character SvxShowCharSet custom widget.
Unicode Name Glyph Search

Special Characters

Search: gurmu  Font: Lohit Punjabi  Subset: Gurmukhi

Recent Characters:

Favorite Characters:

Help  Insert  Cancel
Quick Access Controls

Recent Characters:

E ő M © ¬ n K b u x Z V

Favorite Characters:

€ ¥ £ Φ Σ Ψ ™ © 😊 Ω α
Toolbar Drop Down Control
Alternative Interaction
Thanks LibreOffice for the wonderful opportunity!