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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: Font: Subset:

ੱ	ੰ	ੰ	ਅ	ਆ	ਇ	ਈ	ਉ	ਊ	ਏ	ਐ	ਓ	ਔ	ਕ	ਖ	ਗ
ਘ	ਙ	ਚ	ਛ	ਜ	ਝ	ਞ	ਟ	ਠ	ਡ	ਢ	ਣ	ਤ	ਥ	ਦ	ਧ
ਨ	ਪ	ਫ	ਬ	ਭ	ਮ	ਯ	ਰ	ਲ	ਲ਼	ਵ	ਸ਼	ਸ	ਹ	ੜ	ਾ
ਿ	ੀ	ੂ	ੂੰ	ੇ	ੈ	ੌ	ੌ	੍ਰ	੍ਰ	ਖ਼	ਗ਼	ਜ਼	ੜ	ਫ਼	ੌ
ੴ	ੲ	ੳ	ੴ	ੵ	੶	੷	੸	੹	੺	੻	੼	੽	੾	੿	

Recent Characters:

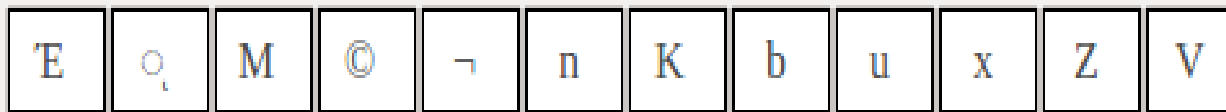
Favorite Characters:

GURMUKHI LETTER AA

Hexadecimal:
Decimal:

Quick Access Controls

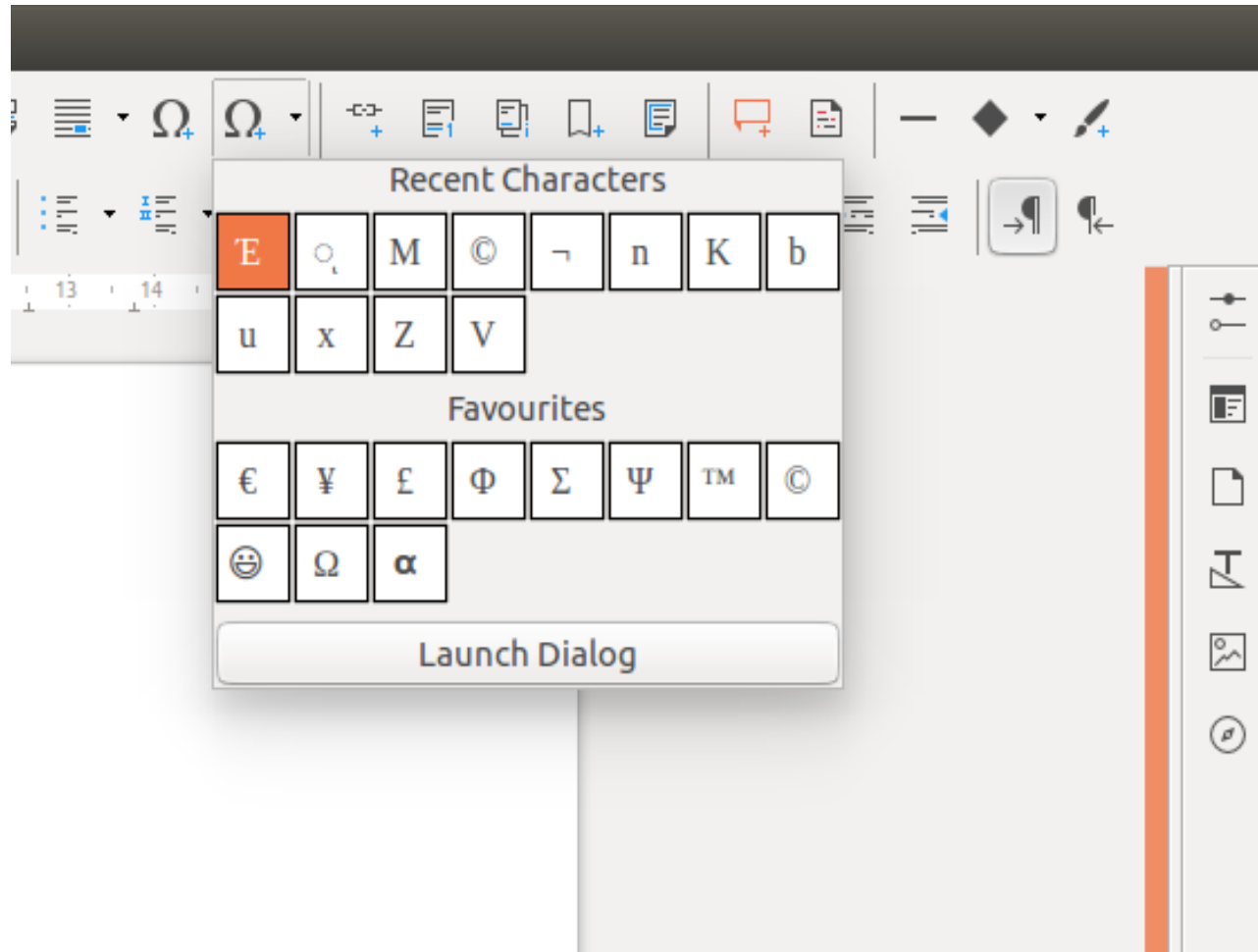
Recent Characters:



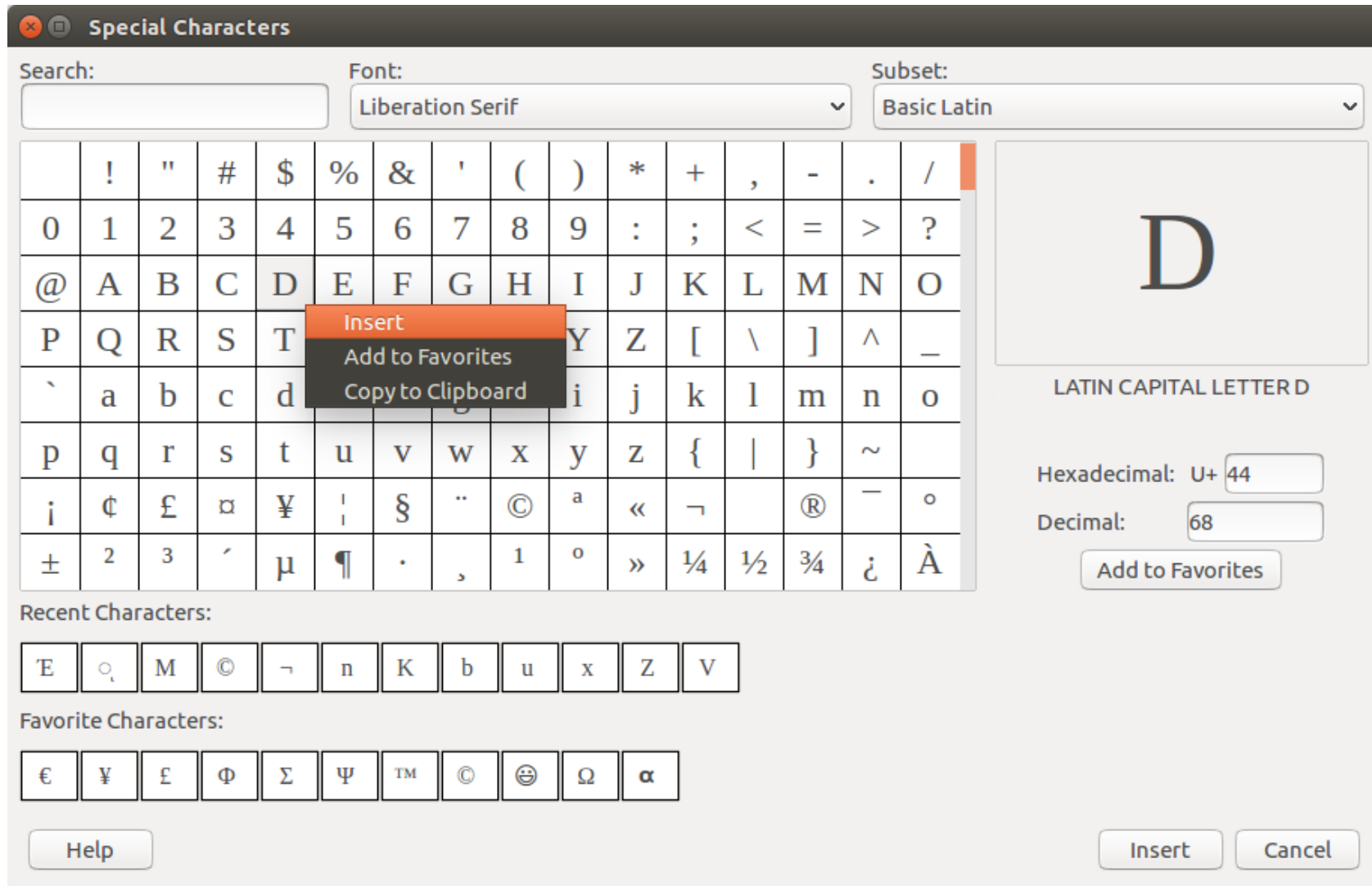
Favorite Characters:



Toolbar Drop Down Control



Alternative Interaction



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