The Hanjp Input Method

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What is Hanjp

The Input Method that enables to type Japanese string as Hangul
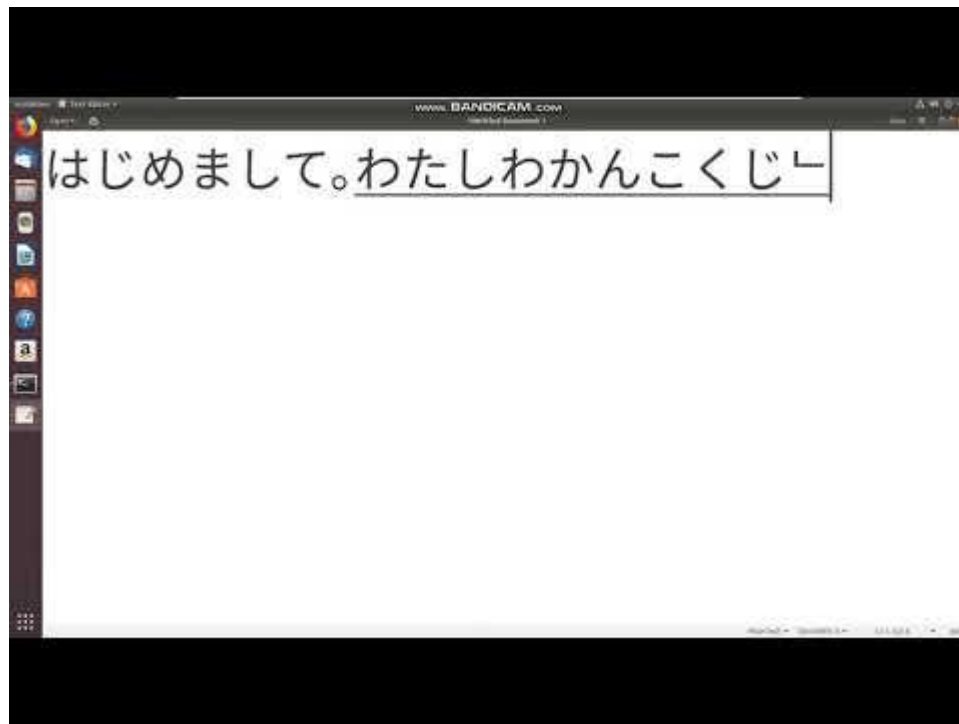
Make Hangul representation theory useful

Similar to Hangul typing UX

What is Hanjp

힛시 ⟶ 히/ㅅ/시 ⟶ ひっし

Demo

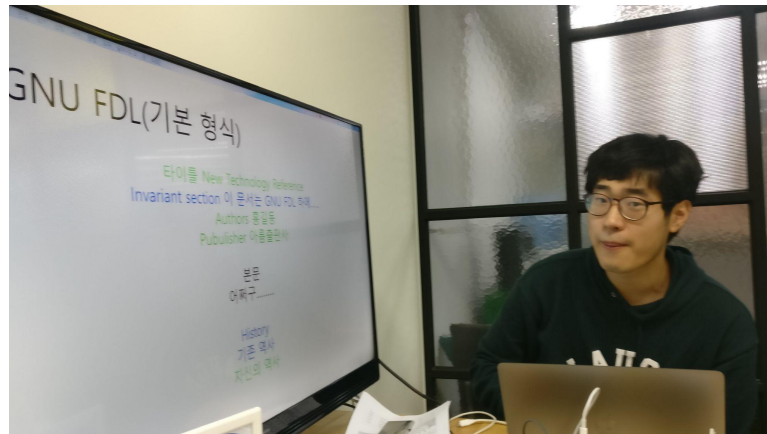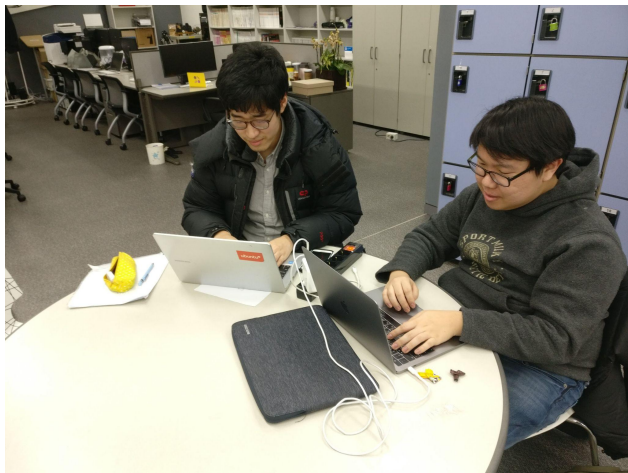# Why do we Hanjp

Why did I have started?

Value of Hanjp?

What can Hanjp be?

A History of Hanjp

Hosted on Ubuntu Korea Community

We started the project at early 2018

A History of Hanjp

We didn't go good.

Lack of Knowledge

Lack of Document

Complexity under IME

A History of Hanjp

I restarted alonely.

Thank you good friends

Thank you, Byongseung Cho, for sharing the working room

Thank you, Youngbin Han, for team organizing support

Thank you other contributors

What are we doing

What are we doing

It's been about 3 weeks

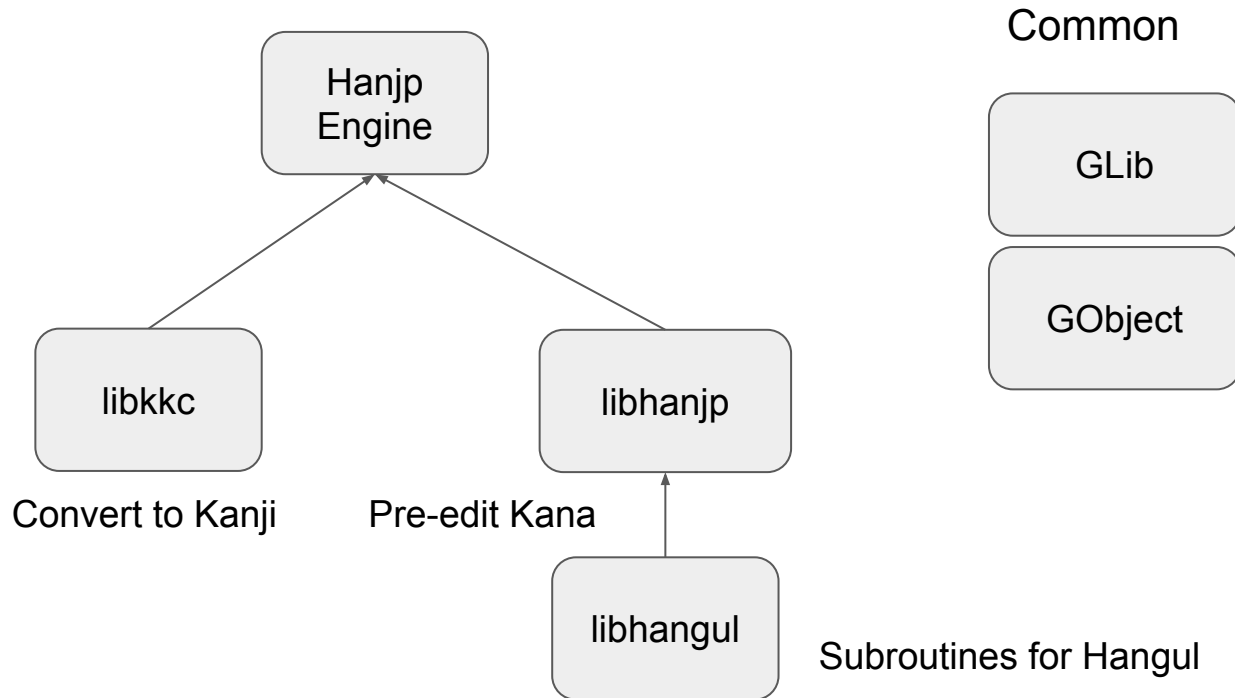WSL, Fundamentals of OOP, CMake

Redesigning on GObject

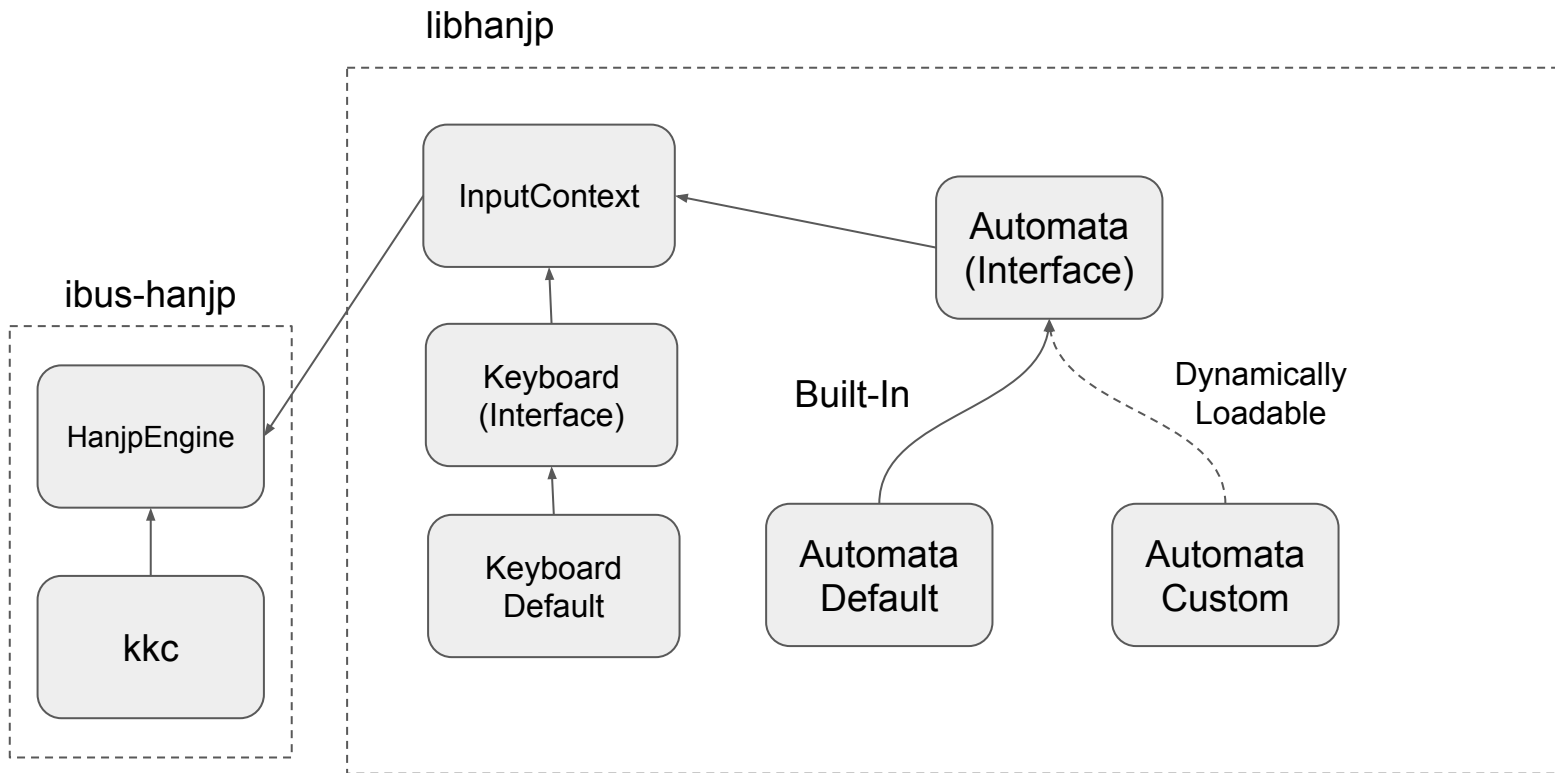libhanjp Code Study

Not going super well, still hopeful

What are we doing

Hanjp Design Overview

Hanjp
Engine

libkkc

libhanjp

Convert to Kanji

Pre-edit Kana

libhangul

Subroutines for Hangul

Common

GLib

GObject

libhanjp Design Overview

Why custom automata

It shouldn't be determinative.

Should be possible to register automata in runtime.

Should be extensible for other implementation of good idea

Why did we have gone to C++

Code Fragmentation

Readability

Designed under OOP

Why are we returning to C

I couldn't find a way to design GObject type in C++

Advantages of GObject

Dynamic Type Registration

Language Bindings

Portability

What would Hanjp be

Playground for students

Understandable code for GLib and IME study

Useful framework for some apps.

Thank You