Cling bundle for most popular platforms
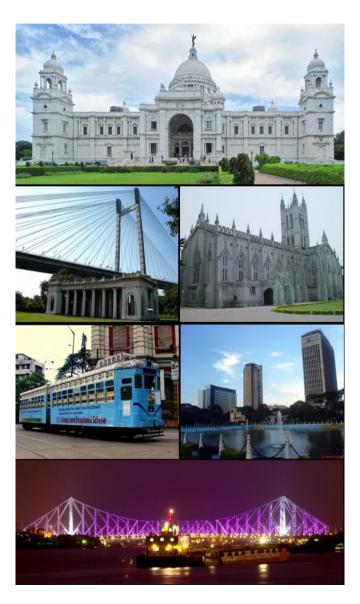
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Google Summer of Code 2014

CERN

Where am I now?

Kolkata, India
The City of Joy

7600 km away from CERN
as the crow flies

3.5 hours ahead of CEST

About me

- Second year Computer Science undergraduate at International Institute of Information Technology (IIIT), Bhubaneswar.

- Journey started with old computer magazines.

- Using Python for my toy projects since 2011.

- Google Summer of Code student in 2013 under GNU Project.

- Linux From Scratch.

- Research interests: operating systems, data compression

- Hobbies: Cooking, collecting, and exploring.

- ROOT in high school!

Cling Packaging Tool

- Users can run this tool to build and package Cling for their favorite platform.

- Detect platform, architecture, and operating system on the fly and create bundles accordingly.

- Integrates well with the Continuous Integration tool used by CERN – Electric Commander.

- Can be glued effectively with the build system in order to import some functionality.

Current Status

- Supported platforms:
  Ubuntu/Debian → Debian Packages
  Windows   → NSIS Installers

  [Documentation]

Future Work

- Support for Mac OS, Fedora, and Scientific Linux CERN
  Mac OS X   →   DMG packages, App bundles, MacPorts (bonus)
  Fedora/SLC   →   RPM packages

- Rewrite scripts in Python to remove dependencies

Thank You!