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 google / google-api-cpp-client



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The core C++ SK for using Google APIs <http://google.github.io/google-api-cpp-client/latest/>

📦 65 commits 🌿 3 branches 📦 1 release 👤 2 contributors

 Branch: master [google-api-cpp-client / +](#) 

remove .zip files of sample APIs. They are redundant.

 **aiuto** authored 12 days ago latest commit [171b132da7](#) 

 service_apis	remove .zip files of sample APIs. They are redundant.	12 days ago
 src	windows portability fixes to port.h	12 days ago
 .gitignore	Initial version.	2 years ago
 CMakeLists.txt	turn off building tests by default - many are broken because of a mis...	3 months ago
 COPYING.txt	Initial version.	2 years ago
 README.txt	Update readme and build scripts.	8 months ago
 doxygen.config	Initial version.	2 years ago
 doxygenate.py	Initial version.	2 years ago
 introspect.cmake	Initial version.	2 years ago
 prepare_dependencies.py	Make "You're on your own" message better in prepare_dependencies.	20 days ago

README.txt

For more information regarding installation, consult the following document:
<http://google.github.io/google-api-cpp-client/latest/start/installation.html>

To get started using the Google APIs Client Library for C++ see:
http://google.github.io/google-api-cpp-client/latest/start/get_started.html

The Doxygen-generated API reference is available online at:
<http://google.github.io/google-api-cpp-client/latest/doxygen/index.html>

For the current Google APIs Client Library for C++ see:
<http://github.com/google/google-api-cpp-client/>

The current installation has only been tested on Unix/Linux systems and OS/X.
This release does not support Windows yet. The following sequence of actions should result in a turnkey build of the client libraries from the source code given only:

Prerequisites:

- * python (Available from <http://www.python.org/getit/>)
 - verified with versions 2.6.4 and 2.7.3
- * C++ compiler and Make
 - Mac OSX <https://developer.apple.com/xcode/>
 - Linux <http://gcc.gnu.org/>
- * CMake
 - Either <http://www.cmake.org/cmake/resources/software.html>
 - or run `./prepare_dependencies.py cmake` and restart your shell to get the updated path.

Bootstrap Steps:

```
./prepare_dependencies.py
mkdir build && cd build
../external_dependencies/install/bin/cmake ..
make all
```

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```
make test
make install
```

To download additional APIs specialized for individual Google Services see:
http://google.github.io/google-api-cpp-client/latest/available_service_apis.html

It should be possible to build this from existing installed libraries. However, the build scripts are not yet written to find them. For initial support simplicity we download and build all the dependencies in the `prepare_dependencies.py` script for the time being as a one-time brute force preparation.

If you have problems, questions or suggestions, contact:
The Google group at <https://groups.google.com/group/google-api-cpp-client>

Or you may also ask questions on StackOverflow at:
<http://stackoverflow.com> with the tag `google-api-cpp-client`

About the branches

The master branch is where development is done and usually matches the generated libraries available from `google.developers.com`. For breaking changes in this SDK (when it gets ahead of the library generator), we will first make a tag matching the compatible version of the library generator.

For example, the current generated surface is at version '0.1.2'. If the master branch gets incompatibly ahead of the generator, we will first leave a '0.1.2' tag here to retrieve the compatible version.

We use tags rather than branches because the library generator should soon catch up. All fixes will be done in the master branch, so a tag is sufficient.

The latest generated libraries for any Google API is available automatically from
<https://developers.google.com/resources/api-libraries/download/<API>/<VERSION>/cpp>

For example, for Drive/v2, you would use
<https://developers.google.com/resources/api-libraries/download/drive/v2/cpp>

