# Contributing

We welcome contributions to our code, and will always endeavor to respond in a quick and helpful manner to Pull Requests.

1. \*\*Please sign one of the contributor license agreements below\*\* (simple and pain-free).

1. Fork the repo, develop and test your code changes, add docs.

1. A Pull Request should be a set of changes that addresses one issue in the issue tracker. Please file one Pull Request per issue, and address one issue per Pull Request. If you want to make a change that doesn't have a corresponding issue in the issue tracker, please [submit a new issue][issues] first.

1. Make sure that your commit messages clearly describe the changes.

1. Send a pull request.

[issues]: https://github.com/googleapis/google-api-dotnet-client/issues

## Contributor License Agreements

Before we can accept your pull requests you'll need to sign a Contributor

License Agreement (CLA):

- \*\*If you are an individual writing original source code\*\* and \*\*you own the intellectual property\*\*,

then you'll need to sign an [individual CLA][individual-cla].

- \*\*If you work for a company that wants to allow you to contribute your work\*\*,

then you'll need to sign a [corporate CLA][corporate-cla].

You can sign these electronically (just scroll to the bottom). After that,

we'll be able to accept your pull requests.

[individual-cla]: https://developers.google.com/open-source/cla/individual

[corporate-cla]: https://developers.google.com/open-source/cla/corporate

# Code Layout

These libraries are split into:

- [Generated client libraries][client-libs]: The per-service libraries as used by users. The source code for these is generated by the Client Generator.

- [Client Generator][client-gen]: The code generator for the above.

- [Support Libraries][support-libs]: Support code for the client libraries.

[support-libs]: https://github.com/googleapis/google-api-dotnet-client/tree/master/Src/Support

[client-libs]: https://github.com/googleapis/google-api-dotnet-client/tree/master/Src/Generated

[client-gen]: https://github.com/googleapis/google-api-dotnet-client/tree/master/ClientGenerator

## Building and .NET Core

We use Visual Studio 2017 to edit the Support Libraries.

We use [dotnet cli][dotnetcli] for testing and building both the generated Client Libraries and the Support Libraries.

[dotnetcli]: https://github.com/dotnet/cli

## Tests

Support Library tests use [XUnit][xunit].

Tests are run using the `dotnet test` command in the relevant source directory.

[xunit]: https://xunit.github.io/