How to Contribute

We appreciate all forms of project contributions including bug reports, providing help to new users, documentation, or code patches.
Use a pull request to submit a code patch to the github mirror. Any new changes should be targeted at the "develop" branch.

File a JIRA to submit a bug report.

If you need access to edit the wiki, make sure you've created an account and send an email to dev@geode.apache.org with your userid and a description of what you're interested in working on and someone will grant you access. Same goes for JIRA if you need to be able to assign or resolve issues.

Please visit our Becoming a committer page for details on how to become a committer.

Ideas for Contributions

If you are a new contributor, the best starting point is probably one of the tickets marked with the starter label. Most of these should be fairly self contained and approachable.

If you are interested in taking your contribution a level up you might instead want to look at tickets marked with the starter++ label.

Another great way to start contributing is adding examples. This might help you deepen your own understanding of Geode while also helping others.

If you are already well familiar with Geode and want to contribute a larger set of features the list below is a great starting point. Of course all ideas are welcome!

1. Implement a Java version of VSD (statistics graphing and correlation). See JVSD.
2. Add `gfsh` cluster control features to Pulse.
3. AMI for Geode.
4. Redis protocol adapter.
5. Ambari installer plugin for Geode.
6. Kafka and SpringXD data ingestion plugins.
7. Thrift client driver.
8. Add lifecycle API's for Geode servers and locators.
9. Create a bi-temporal data model and framework.
10. Nagios plugin for Geode.
11. Apache Flink integration.

Updating the Wiki

Feel free to contribute to this wiki – make things easier to understand or just share your experience with Geode.

For more information

Becoming a committer

Building and Running Geode from Source

Code contributions

Commit Message Format

Definition of Done

Getting Started for Geode Developers

JIRA Guidelines

License Guide for Contributors

New Features (draft proposal)