

Guide for new contributors

First, you need to learn PigLatin language. The best source for learning PigLatin is:

- [Pig Latin Reference](#)
- [Pig Latin paper at SIGMOD 2008](#)
- [Pig Tutorial](#)

Be sure to sign up [pig mailing list](#).

Then checkout Pig source code using svn:

svn co <http://svn.apache.org/repos/asf/pig/trunk>

Set up environment for [Eclipse](#).

Learn more about Pig internal at [Pig paper at VLDB 2009](#).

Learn the process to submit a patch in [HowToContribute](#).

Browse through Pig code. Some good start points are:

- [QueryLexer.g](#), [QueryParser.g](#), [LogicalPlanGenerator.g](#): Pig parser, LogicalPlan construction
- [LogToPhyTranslationVisitor](#): From logical plan to physical plan
- [MRCompiler](#): From physical plan to map-reduce plan
- [JobControlCompiler](#): From map-reduce plan to hadoop job
- [MapReduceLauncher](#): Hadoop launcher
- [PigMapBase](#): map class for Pig
- [PigMapReduce](#): reduce class for Pig

Wanna find something to get start? Here is a list of [Jiras](#) to warm up.