

# Cloudster

Software Engineering : handling tools, working together

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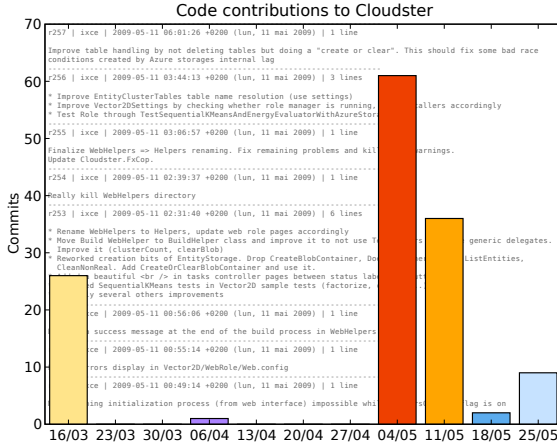
# Contributing



## Non-code contributions

- Continuous integration (with jourgun) : CruiseControl.NET, MSBuild, SandCastle, fixing/working around various build bugs
- SourceForge.net project management (setup, mailing lists, releases)
- External communication (Azure forums, Steve Marx)
- Internal communication (pinging people, helping them on parts of their work, checking that scheduled work is late)

# Code contributions : timeline



## Code contributions : summary

- Sequential  $k$ -means algorithm, initial testing tool
- Core work on abstracting data access for testing purposes
- Core fixes on table and blob storages handling
- Web interfaces
- Gist.NET image vectorization library
- Unit tests, code coverage, FxCop warning serial killing
- Code documentation
- Dropped HelloWorld

# Working together



# Geeks

**LASTMINUTE.COM**

Will be committed  
tonight !



Almost done, only  
tests remaining



# Team coding

- Great collaborations with jourgun and Tastalian
- Team coding works best with 2 persons, 1 computer.
- Letting others procrastinate work near you is **bad** for your productivity

# Project overview



## Technical point of view

- Mostly successful (it works!)
- Code pretty well tested and covered
- Though : huge overhead for mostly simple computations
- Problem : what would potential users actually do with Cloudster ?

# Successes

- Team success : once again : it works !
- Personnal success : after weeks of laziness, had a lot of fun on the project, learnt to love C# and .NET tools
- Personnal success : basically every part of the project (code, samples, unit tests, documentation, website) is there and well made



# Thanks !