



Large-scale software project. Who is who and what are they?

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Wow! I like it!

- Tiny software project
 - One person do everything
- Everything is
 - Generate idea
 - Coding, coding, coding
 - Getting fun



- Characteristics
 - No requirements
 - No architecture
 - Minimalistic user interface
 - No documentation



I can do everything!

- Very small software project
 - One person do everything
- Everything is
 - Understanding goals
 - Understanding business
 - Gathering requirements
 - Design user interfaces
 - Develop architecture
 - Coding, coding, coding
 - Testing and debugging
 - Documenting
 - Commissioning
 - Support
 - Sleep (optional)



Characteristics

- Mostly late
- Short life time
- Home made software
- Solves very specific task
- Operates on very specific environment
- Poorly documented
- Perfunctory tested



Hi, guys I have a job!

- Small software project
 - Developers are developing
 - Lead to everything
- Everything
 - The same plus...
 - Leadership
 - Management
 - "Dirty" work











- Characteristics
 - Specific task or small solution
 - Repeatable
 - Average life time
 - Operates on very specific environment
 - Perfunctory documented



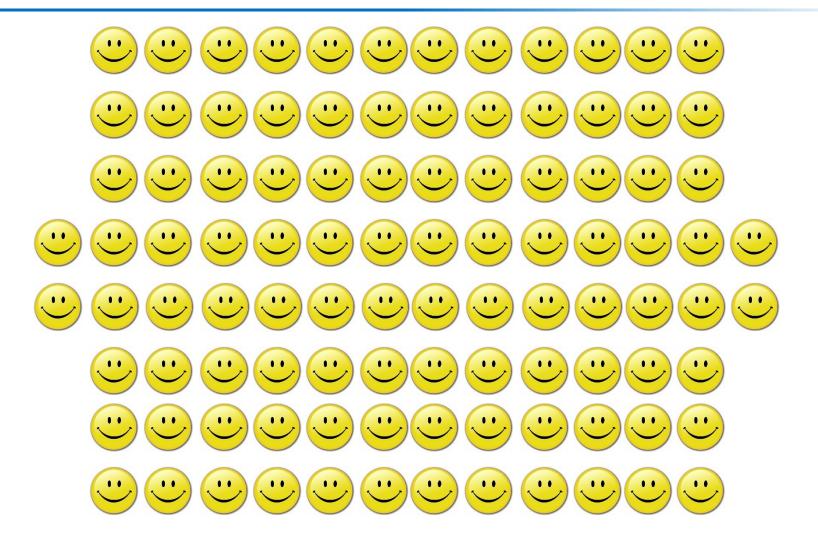
Bye-bye, childhood!

Project type	Size, KSLOC	Size, man/years
Simple workflow system	200	15
3D Game (with engine)	400	150
Average business solution	600	400
Air Traffic Controller	1 000	2 100
Space Shuttle software	25 000	22 000
Windows XP	50 000	
Mac OS X	86 000	

To build average business solution in 4 years you need a team of 100+ people.

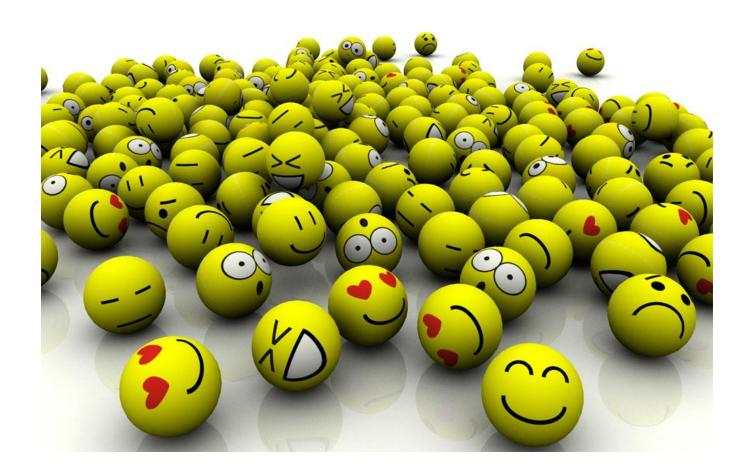


We are the team!





But what is my purpose and destination?





What is our business?



User



Sponsor



Customer (client)



Product owner



Stakeholder



Understanding



Client relationship manager

Subject

matter expert



Business analytic



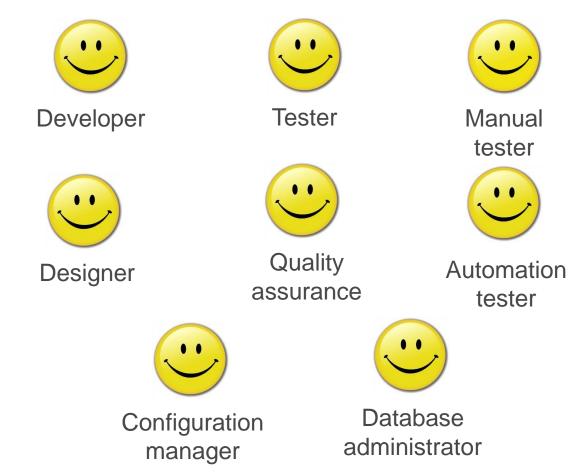
Systems analyst



Systems architect



The Core





Support



Technical writer



Librarian



Trainer



Admin (helpdesk)



Human Resources (HR)



Marketing



Community support



Management



Project manager



Delivery manager



Team lead



Scrum master



Division manager



Functional lead



Regional manager



Development manager



Technical lead

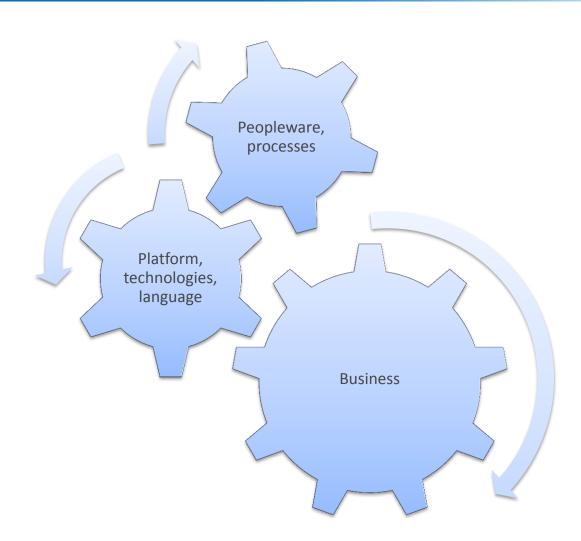


Informal roles





Specializations





Teams and Task Forces

- Data migration team
- Emergency team
- Tests support
- Localization team
- Research and development (R&D) team
- Performance tuning team
- Stability testing team
- Scalability management team
- Support team
- Triage team
- Training team





To be continued... communicate!



No one knew what rabbit thought, because he was very well-mannered.

