

Working as a Team

- Team work vs. Group work
- Keeping track of Resources
- Source Control

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Team work vs. Group work

- A team is a group, but with structure and purpose
- Team leader
- Everyone contributes to ideas
- Everyone has a say in decision making, with the team leader having final authority
- Work *together* rather than on your own, and just combining results
- http://www.1000ventures.com/business_guide/crosscuttings/team_vs_group.html
- <http://www.iamnext.com/academics/groupproject.html>

Keeping track of resources

- During development there will be many changes made to code, art, sound, ideas ...
- How do you keep track of these changes?
- Do you have the latest versions of everything?
- How do you deal with conflicts when two or more versions of a file are being modified concurrently?
- Good project management is needed to keep track of all your resources

Source Control

- Can aid in project management
- Also known as Version control, Version tracking, Source Control Management (SCM)
- Allows multiple team members to be working on the project at the same time, possibly on the same file
- Central repository where all files are committed to
- Changes can be merged together with basic conflict management

Source Control

- Saves having to have backups of every version of your project on different CDs or pen drives
- Ability to tag different versions so you can return to them at a later date
- Allows comparisons between different file revisions so you can see what has changed
- Allows you to see who made a change

Source Control

- Branching functionality allows you to test out new features without breaking your main codebase, and can be merged back in at a later date
- Any changes, such as adding, changing, removing files, creating a tag or branching can have an associated comment so you can look back and see why a particular change was made

Source Control

- You need to learn to use it properly
 - Commit your changes regularly
 - Don't commit broken code
 - Update your working copy regularly
 - Communicate with team members to resolve conflicts, rather than simply over-writing their changes
 - Use reasonably descriptive comments rather than "made a few changes"
