



OOP s What are we doing?

Bill Gibson

Questions

- What do students need / want?
- What do Employers need / want?
- What do tutors / lecturers need / want?

Students

- Graduate
- Relevant skills for employment
- Challenge
- Easy life (what they want)

Survey Questions

- Difficulty of learning OO
- Jade a good Programming environment
- Well structured module
- Could Module be improved
- Will you carry on OO programming
- Do you think skills learned will be of use

Tutors/Lecturers

- Time
- Targets
- Resources
- Contacts with employers

Resources & Issues Considered

Key Issues

- Static Objects undermining OOP Principles
- Complicated Code for accessing Windows
- Issues around interfacing with databases
- Company support and product life cycle
- Decision making lead time
- Platform independence
- Cost

Resources

- J Builder
- Visual C++
- Jade
- Visual Basic 6
- J++
- .Net
- C#
- Delphi

Jade Teaching Strengths

- Purity of OOP implementation
- Intuitive interface
- Integrated database infrastructure
- Built in classes initially hidden
- Separation of MVC easily enforced
- Multi user and web enabling easy
- Rapid application development payback
- Rapid learning curve

Employers

- Do you want independent graduates who can learn? or Do you want graduates who can follow a book but get lost on their own?
- Do you want Graduates who can use a specific language or ones who have the basic set of OO skills that can be transferred
- Do you want multi disciplined Graduates who can Analyse, Design, Implement and Test.