

Easy Presentation Generation

Ilmar M. Wilbers¹ Tickle-me Elmo^{1,2}

Simula Research Laboratory¹

Department of Latexslides²

August 12, 2008

Block heading

- Test
 - Subtest1
 - Subtest2
- Test2

Block heading

- Test
 - Subtest1
 - Subtest2
- Test2

Block heading

- Test
 - Subtest1
 - Subtest2
- Test2

Block heading

- Test
 - Subtest1
 - Subtest2
- Test2

x	x^{**2}
3	9
5	25

Not much

- Bullet1
- Bullet2
 - Subbullet1
 - Subbullet2

- Bullet1
- Bullet2
 - Subbullet1
 - Subbullet2

- Bullet1
- Bullet2
 - Subbullet1
 - Subbullet2

This is easy.

- Intro programming course = three new courses
 - Classical "IN105" with OO and Java
 - "Informatics without tears" (minor programming)
 - INF1100: scientific programming with Python
- C, C++, F77, F95, MPI, profiling, Matlab

Challenges:

- These courses need a variety of software packages!
- Students have laptops (Linux, Windows, Mac)!
- Fresh students know little about software installation

This is easy.

- Intro programming course = three new courses
 - Classical "IN105" with OO and Java
 - "Informatics without tears" (minor programming)
 - INF1100: scientific programming with Python
- C, C++, F77, F95, MPI, profiling, Matlab

Challenges:

- These courses need a variety of software packages!
- Students have laptops (Linux, Windows, Mac)!
- Fresh students know little about software installation

This is easy.

- Intro programming course = three new courses
 - Classical "IN105" with OO and Java
 - "Informatics without tears" (minor programming)
 - INF1100: scientific programming with Python
- C, C++, F77, F95, MPI, profiling, Matlab

Challenges:

- These courses need a variety of software packages!
- Students have laptops (Linux, Windows, Mac)!
- Fresh students know little about software installation

This is easy.

- Intro programming course = three new courses
 - Classical "IN105" with OO and Java
 - "Informatics without tears" (minor programming)
 - INF1100: scientific programming with Python
- C, C++, F77, F95, MPI, profiling, Matlab

Challenges:

- These courses need a variety of software packages!
- Students have laptops (Linux, Windows, Mac)!
- Fresh students know little about software installation

Native installers often solves the problem, but not always

Where available, the use of native installers such as APT, Fink, Darwinports and YUM, is often the easiest way of installing the necessary software, as the dependencies are taken care of.

Methods pros/ cons

	Conduit	BYOS	WinInstall	VMware	Native
Pro	All OS, easy to use and add updates	Well tested packages, easy to debug (for maintainer)	Based on original installation packages	Controlled environment, will always work	Easy to use, native to OS
Con	In development, not all Linux dists, complex system	May break, hard to debug, (for user), no Windows	Only Windows, a lot of clicking, old versions (no 64-bit)	Large files, inflexible	Limited to some OS, not all packages available