CSC324: Principles of Programming Languages
Lecture 9A
Java's Reflection

Wael Aboulsaadat

Advantages of Reflection?

- Supports component based development

- Decreases Coupling by eliminating direct references to class names.

➔ Supports software automation

What is Software Automation

- If a program consists of components….

- Then we would like to configure those modules anyway we like and be able to change that configuration of components later if we decide to do so…!

Software Automation & Components

- JavaBeans technology
  - Access methods: set… & get…

- Microsoft COM & DCOM component technology
  - UUID