

Data Abstraction

CMSC 1150

Introduction to Computer Programming

October 2, 2002

Roadmap

- Recap:
 - Compound expressions & Procedural Abstraction
- Data Abstraction
 - Motivation: Compound Data
 - Abstract Interface: Constructors and Selectors
 - Concrete Implementation with define-struct
 - Abstraction Barriers
 - Good Design: Data definitions and contracts
- Summary

Administrivia

- Add yourself to the course mailing list:
 - <http://mailman.cs.uchicago.edu> 11500-1
- TA office hours:
 - Leandro Cortes: Thurs 2-4, Ry178
 - Yu “Tony” Hu: Fri 2-4, Ry 178
 - Dinoj Surendran: Wed 3-4, Fri 10-11am, Eckhart 006
- First homework: Due Monday
 - Dr Scheme note: “Language” set to R5RS