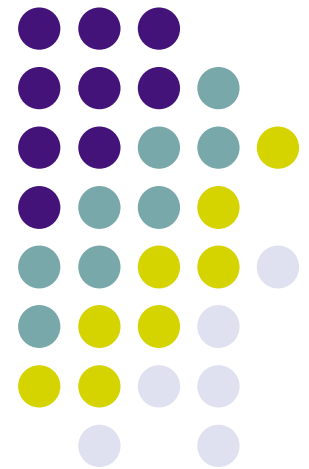


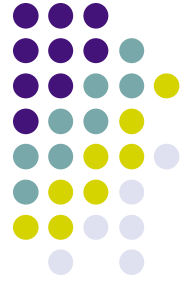
Crawdad Workshop Breakout Report Tools Group

Presented by Amit Jardosh

(The slides were written by Jihwang Yeo)

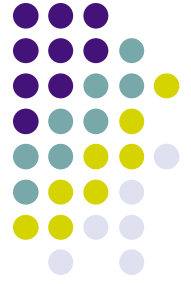


Collection Standards and Principles



- Need to standardize collection methodology and common metrics
 - Need uniformity in format and metrics for comparing different data
 - Develop tools based on common standards and principles
- Check-list for data collection
 - Identify metric to evaluate the data
 - Record detailed info about measured systems
 - Record failure logs
 - Document (e.g., using wiki) anomalous behaviours

Tool Development



- Desirable development practices
 - Based on common format and metrics
 - Develop open-source tools
- CRAWDAD should promote the practices