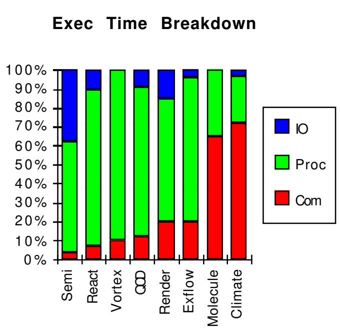
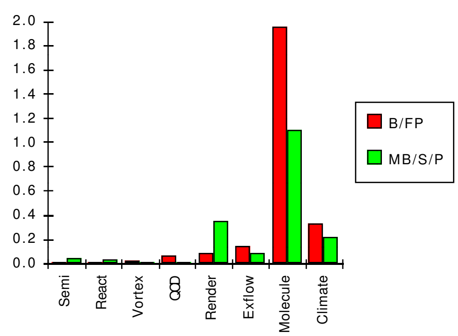
Reflection on Application Requirements

- Architectural Requirements of Parallel Scientific Applications with Explicit Communication, ISCA 93
- Methodoligical Considerations and Characterizatiosn of the SPLASH-2 Parallel Application Suite

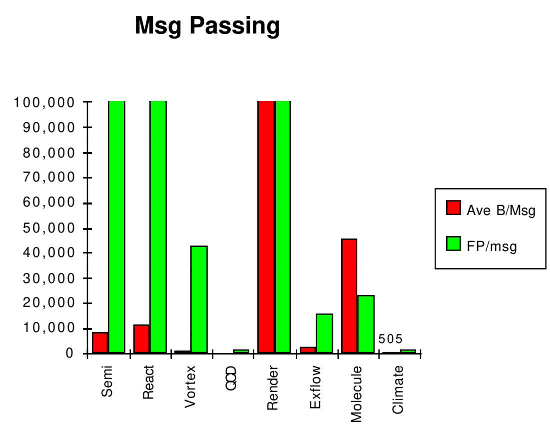
How Much Communication?

Msg Passing

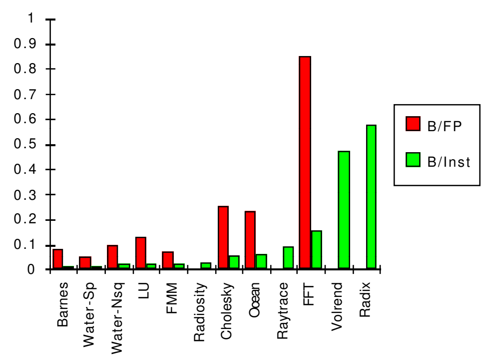




How big and How often?



Communication Bandwidth in Splash2



Communication Frequency