SUGAR 3.0 and M&MEMS

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Web service history

- Began as a class project in Fall 2000
- Went online at the end of Summer 2001
- Used for EE245 during Fall 2001 semester
- Currently offline: Millennium was “upgraded” (so was SUGAR).
Pros, cons, and lessons

- **Pro:** Only need a web browser with Java
- **Pro:** Fixes can be applied rapidly
- **Con:** Less flexibility than Matlab environment
- **Con:** Too many failure points in initial version
- **Con:** Poor response time in initial version
- **Con:** Failures difficult to interpret
SUGAR 3.0

- SUGAR 2.0: Matlab core, C add-ons
- SUGAR 3.0: C core, Matlab interfaces
- Release target: End of Feb / early March
- Web service using 3.0 should be more robust
- Can use SUGAR 3.0 even without Matlab