CS122D: Beyond SQL Data Management
—Lecture #11—

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M. Carey, Spring 2021: CS122D
Announcements

• We’re officially half-way there...!
• Hopefully HW3 is winding down:

<table>
<thead>
<tr>
<th>HW</th>
<th>Available</th>
<th>Due Date/Time</th>
<th>HW Topic</th>
<th>Setup Info</th>
<th>Details</th>
<th>Solution</th>
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<tr>
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<td>Th 4/15 (11:59 PM)</td>
<td>SQL Review</td>
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<td>HW1 Solution</td>
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• And you survived the midterm! 😊
  • Flush it from memory until it’s graded!

• Today: *Couchbase Server*

(*cluster of unreliable commodity hardware*)
A Quick Note About DBaaS
A Few Couchbase Pre-Notes

• Couchbase Server ≠ Apache CouchDB
  • A common misconception...! 😊

• Couchbase Analytics Service
  • Apache AsterixDB inside!

• Evolution of the N1QL query language...
  • Born as a “SQL-like language” for JSON at Couchbase
  • Prof. Yannis P. from UCSD developed SQL++
  • Apache AsterixDB moved from AQL to SQL++
  • N1QL is now Couchbase’s (converging) offering of SQL++

• Some useful online N1QL tutorial material
  • https://query-tutorial.couchbase.com/tutorial/
  • https://sqlplusplus-tutorial.couchbase.com/
  • https://docs.couchbase.com/server/current/analytics/primer-beer.html

This one is especially useful, IMO!
Let’s Jump to the Couchbase Slides