

The relational model is dead, SQL is dead,  
...and I don't feel so good myself

P. Atzeni, U. Dayal, C. Jensen, S. Ram

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# The end of an Era?

## Titanic

- “RDBMS are 25 year old legacy code lines that should be retired in favor of a collection of from scratch specialized engines.” [Stonebraker et al. VLDB 2007]
- Are we really attending the sinking of the relational ship?

## Lost in translation

- A variety of data models and access methods are emerging and SQL is not suitable for any of them.
- Are we building the Babel Tower of query languages?

# What do we lose if we drop the relational model?

## Barefoot in the park

- Aren't NoSQL database models so close to the physical data structures that we are not *protected* by a logical data model any more ?
- What about physical independence?

## Blade runner

- *I've seen things you people wouldn't believe:*
  - Conjunctive queries
  - Domain independence
  - Normal forms
  - Universal relations...
- *All those moments will be lost in time, like tears in rain. Time to die..*

# What about design?

## No Country for Old Men

- How is database design affected by the recent paradigm shifts on logical data modeling?
- and in particular.....

## Gone with the Wind

- Does really conceptual database design stay independent of all this “disturbance”?

# Acid or Available?

## True lies

- A relational database is a perfect world where data is always consistent (even if not true)

## Apocalypse Now

- Are we ready for a chaotic world where data is always available but “eventual” consistent?