Turning off the LAMP

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Skookum who?
Project Description

Porridge on Tuesdays

Project Comments
Wednesday, August 15, 12

Par 5  542 yds  Hdcp 8

Hunter  -  4  +

hunter+test@s...  -  5  +

David  -  6  +

Jim Snodgrass  -  3  +

Hole 1
Project X
The Issues

- 250 tables
- $2,800/month to host
- 5+ second page loads
- “schema paralysis”
SELECT users.*
FROM users
LEFT JOIN profiles as profile_affiliation ON users.traditional = profile_affiliation.id AND profile_affiliation.cat = "trad"
LEFT JOIN profiles as profile_build ON users.build = profile_build.id AND profile_build.cat = "build"
LEFT JOIN profiles as profile_reled ON users.reled = profile_reled.id AND profile_reled.cat = "reled"
LEFT JOIN profiles as profile_seced ON users.seced = profile_seced.id AND profile_seced.cat = "seced"
LEFT JOIN profiles as profile_politics ON users.politics = profile_politics.id AND profile_politics.cat = "politics"
LEFT JOIN profiles as profile_relocate ON users.relocate = profile_relocate.id AND profile_relocate.cat = "relocate"
LEFT JOIN profiles as profile_smoke ON users.smoke = profile_smoke.id AND profile_smoke.cat = "smoke"
LEFT JOIN profiles as profile_height ON users.height = profile_height.id AND profile_height.cat = "height"
LEFT JOIN profiles as profile_occupation ON users.occupation = profile_occupation.id AND profile_occupation.cat = "occupation"
LEFT JOIN profiles as profile_priorities ON users.priorities = profile_priorities.id AND profile_priorities.cat = "priorities"
LEFT JOIN profiles as profile_hair ON users.hair = profile_hair.id AND profile_hair.cat = "hair"
LEFT JOIN profiles as profile_history ON users.history = profile_history.id AND profile_history.cat = "history"
LEFT JOIN profiles as profile_books ON users.books = profile_books.id AND profile_books.cat = "books"
LEFT JOIN profiles as profile_traditions ON users.traditions = profile_traditions.id AND profile_traditions.cat = "traditions"
LEFT JOIN profiles as profile_lived ON users.lived = profile_lived.id AND profile_lived.cat = "lived"
LEFT JOIN profiles as profile_diet ON users.diet = profile_diet.id AND profile_diet.cat = "diet"
LEFT JOIN profiles as profile_sex ON users.sex = profile_sex.id AND profile_sex.cat = "sex"
LEFT JOIN profiles as profile_status ON users.status = profile_status.id AND profile_status.cat = "status"
LEFT JOIN profiles as profile_children ON users.children = profile_children.id AND profile_children.cat = "children"
LEFT JOIN profiles as profile_living_arrngmnt ON users.living_arrngmnt = profile_living_arrngmnt.id AND profile_living_arrngmnt.cat = "living_arrngmnt"
LEFT JOIN profiles as profile_travel ON users.travel = profile_travel.id AND profile_travel.cat = "travel"
LEFT JOIN profiles as profile_relationships ON users.relationships = profile_relationships.id AND profile_relationships.cat = "relationships"
LEFT JOIN profiles as profile_ethniccity ON users.ethniccity = profile_ethniccity.id AND profile_ethniccity.cat = "ethniccity"
LEFT JOIN city as city_name ON users.city = city_name.id
LEFT JOIN country as country_name ON users.country = country_name.id
Our Hypothesis
Documents

• Faster
  • ...for cheaper hosting.
  • ...and shorter loadtimes.

• Simpler
  • ...and easier to change.
  • ...without breaking stuff.
Results
(onload: 774ms, DOMContentLoaded: 694ms)
$24k/year (71%)
projected hosting savings
db.users.find();
But...
“... they basically had no idea what MongoDB was and do not support it at all.”
“They've advised me that with MongoDB, the entire DB goes into RAM.”
Developers will try to use mongo like SQL (at first).
You will miss JOINs (sometimes).
Not all data makes sense as documents.
Keep it simple, and mongo will rock your world.
Thank you.

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