

Twitter!

[This problem may have been done in the class. Whatever the instructor taught you supersedes the following]

(This is the second most popular question, after URL shortener)

Design Twitter User/Follower model

- * Twitter has users and users have followers
- * Build the data model for the above
- * What queries would I need to determine followers for a particular user?
- * How would you scale this system when there are certain users that have millions of followers whereas certain users only have a few (<100) users?
- * How would you use the Twitter user/follower system to build a user's home timeline? Account for celebrities who have millions of followers where their tweets should reach all followers in near real time.

Reading pointers:

<http://highscalability.com/blog/2013/7/8/the-architecture-twitter-uses-to-deal-with-150m-active-users.html>