

Database vs Data Structure?

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2008-04/msg02348.html>

- *From:* erikcw <erikwickstrom@xxxxxxxxxx>
 - *Date:* Thu, 17 Apr 2008 20:37:34 -0700 (PDT)
-

Hi,

I'm working on a web application where each user will be creating several "projects" in their account, each with 1,000–50,000 objects. Each object will consist of a unique name, an id, and some meta data.

The number of objects will grow and shrink as the user works with their project.

I'm trying to decide whether to store the objects in the database (each object gets its own row) or to use some sort of data-structure (maybe nested dictionaries or a custom class) and store the pickled data-structure in a single row in the database (then unpickle the data and query in memory).

A few requirements:

- Fast/scalable (web app)
- able to query objects based on name and id.
- will play nicely with versioning (undo/redo)

Any input on the best way to go?

Thanks!

Erik

.