

HANDLING BIG FILES

BACKEND-WORKSHOP

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STORING IMAGES IN DB – YEA OR NAY?

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YEA

- ▶ No different backup strategy needed
- ▶ Easier access control

NAY

- ▶ Database is hard to scale
- ▶ High load on database might slow down entire system
- ▶ Higher latency than sending files directly from the File System

Storing Images in DB - Yea or Nay?: <http://stackoverflow.com/questions/3748/storing-images-in-db-yea-or-nay#3756>

Needle in a Haystack: Efficient Storage of Billions of Photos: <http://perspectives.mvdirona.com/2008/06/facebook-needle-in-a-haystack-efficient-storage-of-billions-of-photos/>

HOW WE WILL HANDLE IT

- ▶ We save only the name of the file
- ▶ Every file belongs to a task
- ▶ Every task belongs to a list
- ▶ Save file with path: *uploads/list_id/task_id/filename*
- ▶ **Important:** The upload folder **must not** be in your webserver's static folder! Otherwise everyone could access files with the respective url.