FAQ: Should I Store Images as BLOBs in Database or Files on file system?

**Question**

I'm building a Full Stack application. Should I store images as a BLOBs in the database or as files on filesystem? Also, can you tell me the pros/cons of each approach?

**Answer**

Good question!

In general, processing images stored as BLOBs in the database is slower than images stored on the file system. Of course, the answer really depends on your application requirements.

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However, if you need to display BLOB images in an Angular app, here is a tutorial that shows you how:

<https://grokonez.com/frontend/angular/angular-4-uploadget-images-tofrom-spring-boot-server>

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And if you’d like a comparison of the storage methods (BLOB vs file), see the links below. They cover the pros/cons of each approach

<https://teamtreehouse.com/community/storing-image-in-database-compare-with-storing-at-the-folder-server>

<https://habiletechnologies.com/blog/better-saving-files-database-file-system/>

<http://www.webdevdesigns.com/newsroom/blob-vs-file-system/>

Finally, here's a good discussion on this topic on stackoverflow. You can see different viewpoints from other developers

*Storing Images in DB - Yea or Nay?*

<https://stackoverflow.com/questions/3748/storing-images-in-db-yea-or-nay>