

Working with External Dependencies

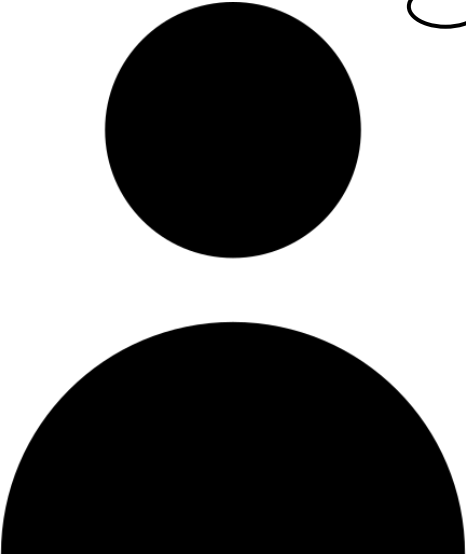
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AMSE B02

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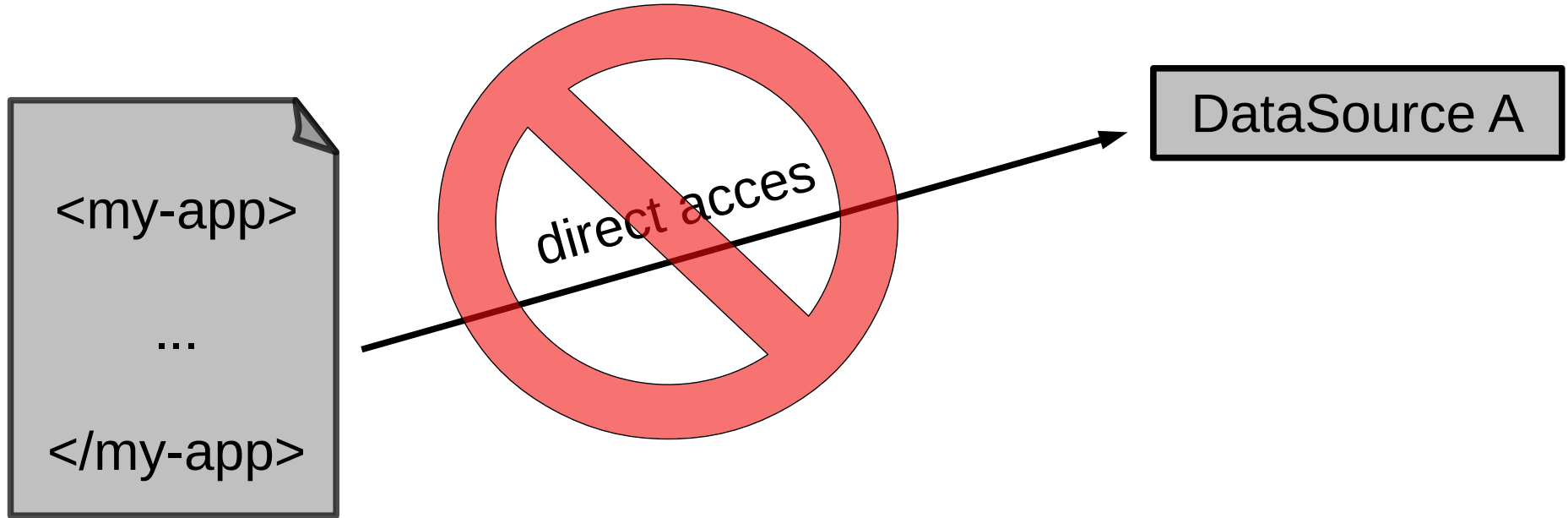
Daily Development Problems

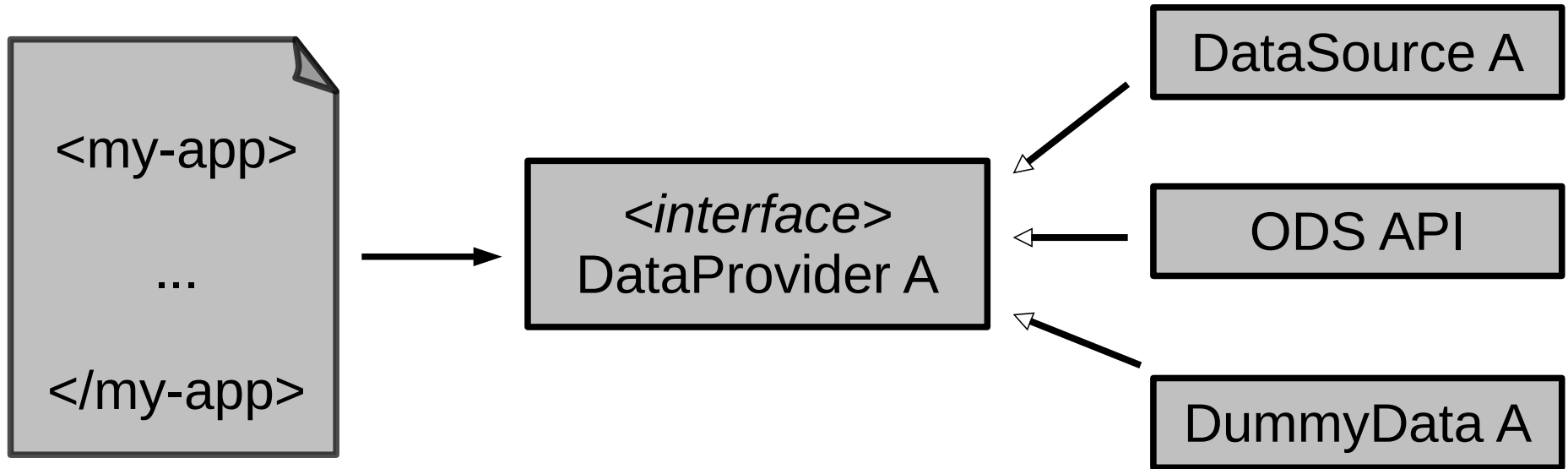


The data provider changed interfaces..
..again?!!11?!

The data provider is down,
my tests are all failing..

So much frustration every time!!!!





Solution 3 / 3

- Plan that external dependencies may break
 - APIs change
 - External dependencies may break or be just not available any more
- Use dummy data for development if possible
 - Periodically test if it works with the real dependency as well
- Use dummy data / mocks for tests
 - Always test the isolated system or component

Thank you! Questions?

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- Contributions
 - Georg Schwarz (2019)