

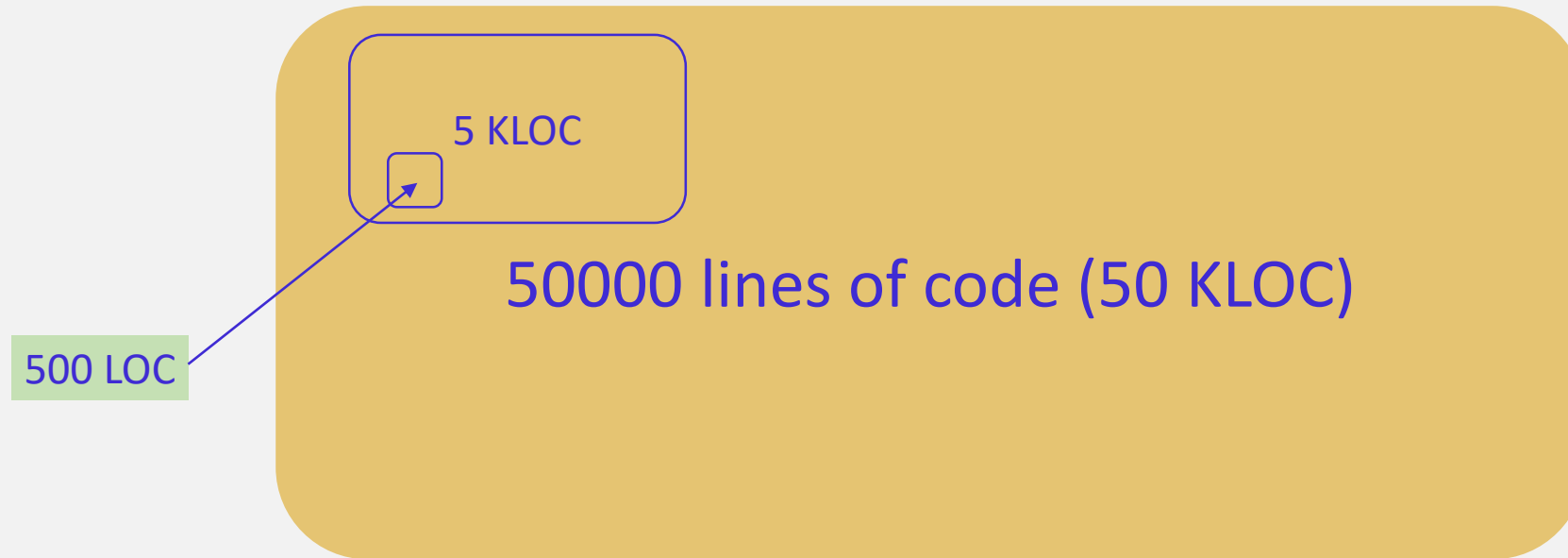
Architecture



“Managing complexity is the most important technical topic in software development. In my view, it’s so important that Software’s Primary Technical Imperative has to be *managing complexity*.

- Steve McConnell, Code Complete

Managing Complexity



Managing complexity = being able to deal with small parts of your application while safely ignoring the rest

**It doesn't matter whether the application is
40KLOC or 50KLOC (20% difference)**

**You will never be able to deal with this amount
of code at the same time!**

Separation of Concerns

**The code is read much more often than it's
written**

Especially public interfaces!

Simplicity

30% of developers have less than 2 years of professional experience

Write simple and explicit code that even newcomers can read!

Do I need all this on small projects?

Yes!

**How long will it take to get return on
architectural investment?**

Weeks!

Making Architecture Matter

Martin Fowler, OSCON 2015

Ask and read questions

Leave a review

**It was my honor and pleasure to be your
instructor!**

Thank you