WEB APPLICATIONS BY EXAMPLE

CLIENT, SERVER, DEVELOPMENT

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OUTLINE

1. Motivation
2. Application: ClojExCMS
3. Development environment: Light Table
4. Server-side implementation
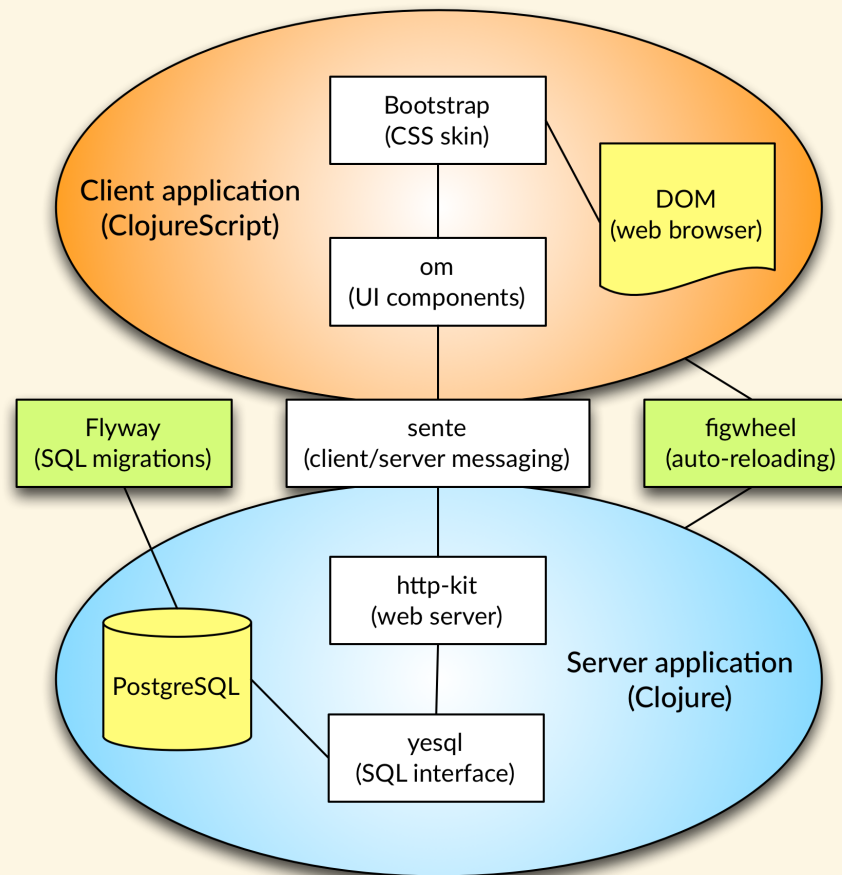5. Client-side implementation
6. Conclusion

MOTIVATION

- Software development should be fun
- *Bret Victor*
- Evaluation of tools and libraries
- General purpose frontend/backend template
- Easily comprehensible example

LIVE DEMO

APPLICATION ARCHITECTURE

(in terms of libraries and building blocks)

LINES OF CODE

Language	files	blank	comment	code
ClojureScript	10	38	2	325
Clojure	8	36	7	190
SQL	8	26	10	71
HTML	1	1	0	19
Total	27	101	19	605

LIVE DEMO

CONCLUSION

- ClojureScript feels mature
- Libraries feel powerful
- Light Table feels beta
  - There's only one *vim*
- ClojExCMS surely has issues
  - (End-to-end) tests
  - Documentation of data structures
  - Pull-requests welcome!

THANK YOU!

Questions?

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https://github.com/improper/clojexcms