The Social Cookbook

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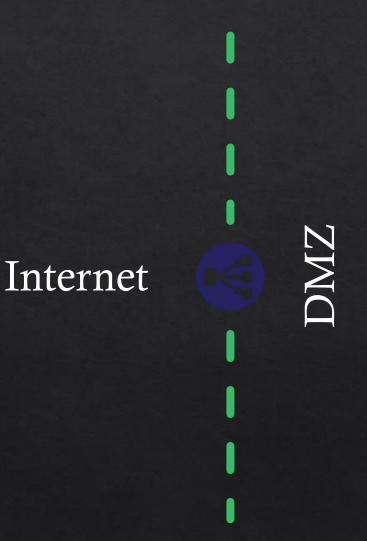
Erik Halén

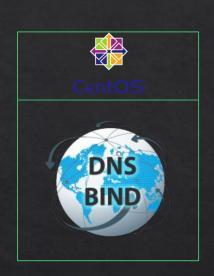
User Problem

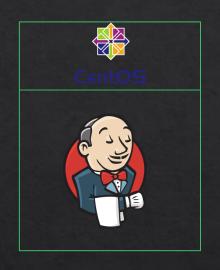
- ♦ Simple portal to share everyday food recipes
- ♦ Food inspiration
- ♦ Recipe feed



Server Architecture

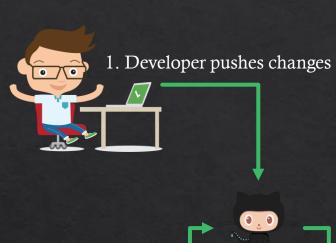






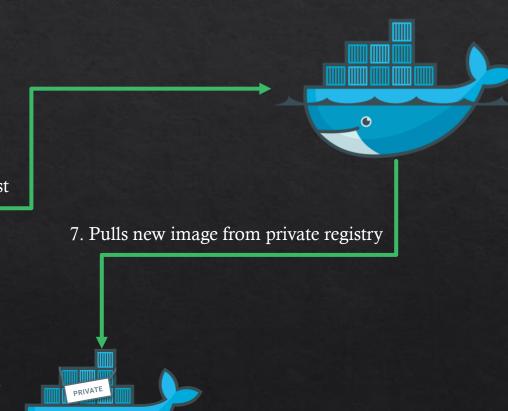


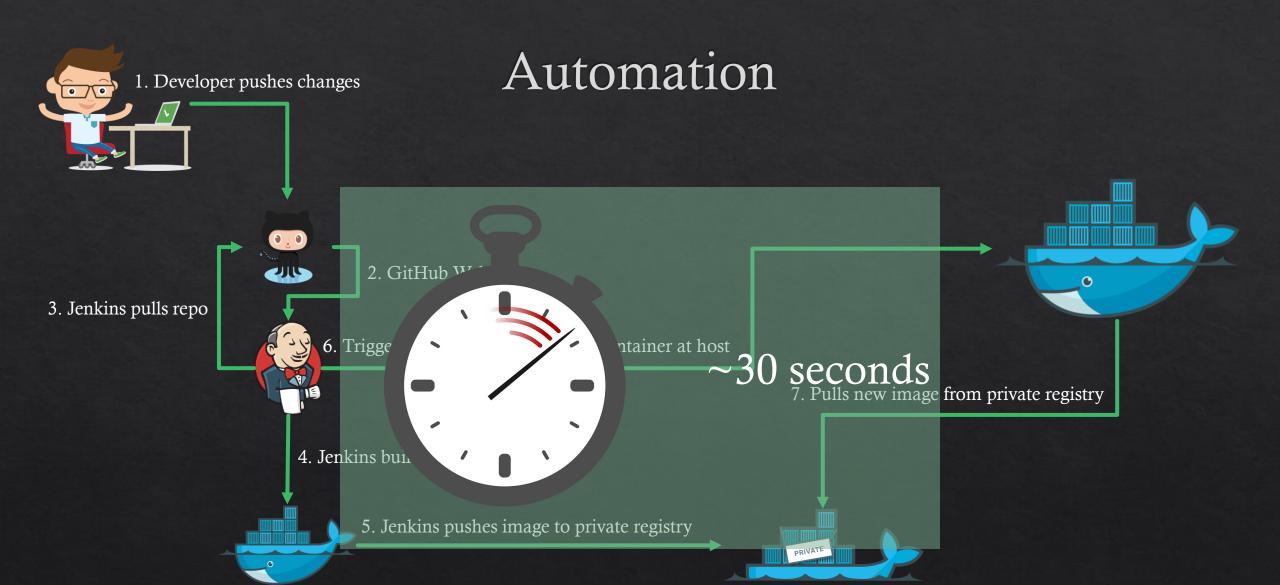




Automation

2. GitHub Webhook 3. Jenkins pulls repo 6. Triggers update of development container at host 4. Jenkins builds Docker image 5. Jenkins pushes image to private registry

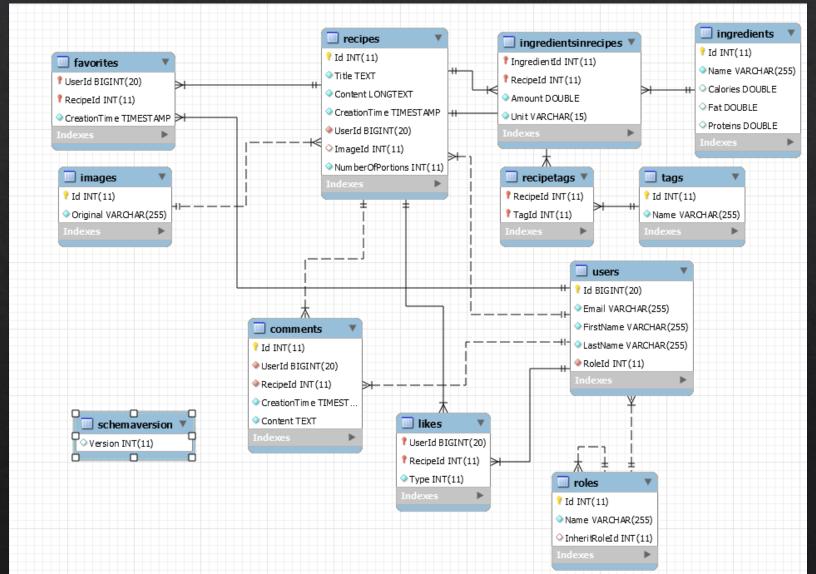




System Architecture

Frontend (what the user sees)	Backend	API	Database
User makes request	Incoming request is mapped to a REST request	Actual request is handled	CRUD of Data
User sees result	REST response is mapped to a view and sent to the browser	REST response	

Database Design



Current Status

- ♦ 90 % of the functionality is implemented in the front end (99 % is implemented in the back end)
- Missing parts now are like (yum/yuck)
- View user
- ♦ Set user as admin
- Some security issues (validation of input)

Demonstration

http://cookbook.rutqvist.com

Future Work

- Nutrition data for ingredients
- Related recipes
- ♦ "What have you cooked today?"
- Suggestions
- ♦ Followers / Friends
- ♦ Search (by tag and content using for example Lucene)

Questions?