

Learning from the Ulabox stack

`whoami`

RUBÉN SOSPEDRA

Lead frontend engineer
@sospedra_r



`pwd`

Working at Ulabox

“El supermercado ha muerto,
bienvenido a **#elAntisuper**”





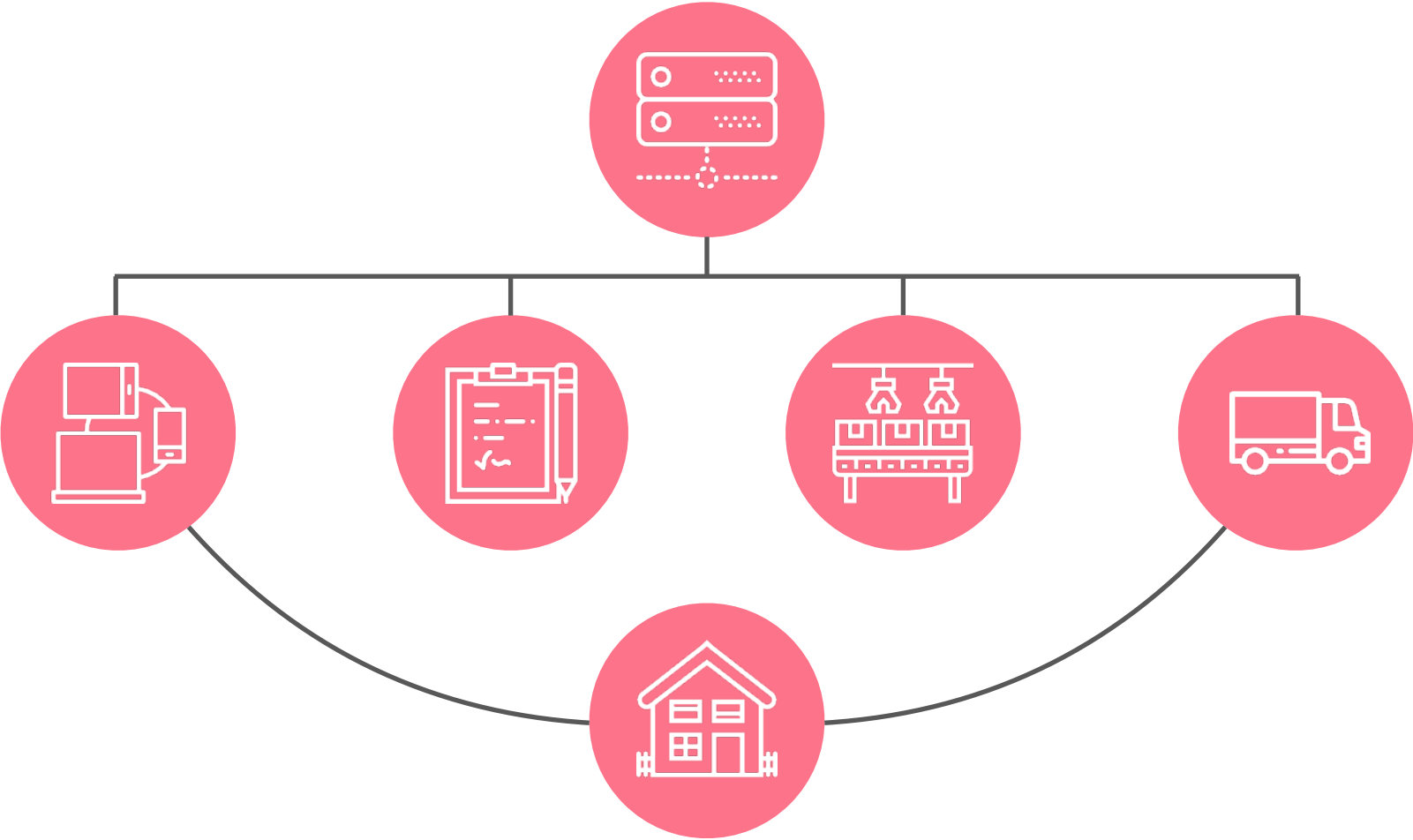
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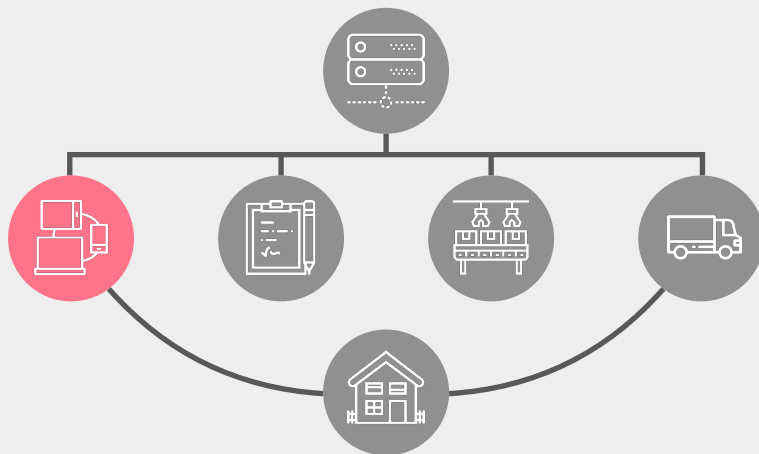


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CLIENTS

web & apps



Stack

- PHP 7 with Symfony 2
- Twig templates with jQuery
- PWA
- Android and Objective-C
- *WIP*: Pods-based React Native

Troubles

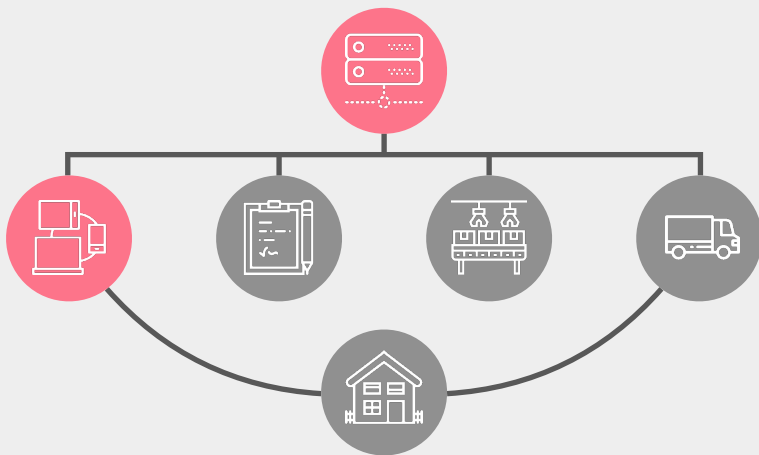
- Code base organization
- High availability

Tips

- Fix perf troubles when you face them
- The bottleneck is not the keyboard

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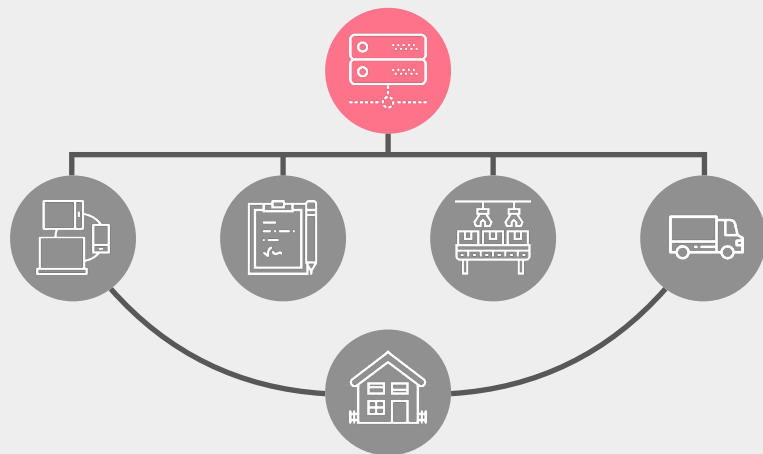
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Tips

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Machinery

systems & devops



Stack

- Hetzner hosted baremetals
- Solr & Redis for web
- MariaDB for products
- PostgreSQL for orders
- Jenkins for pipelines
- RabbitMQ and Rundeck for intercom
- Docker for code base management

Troubles

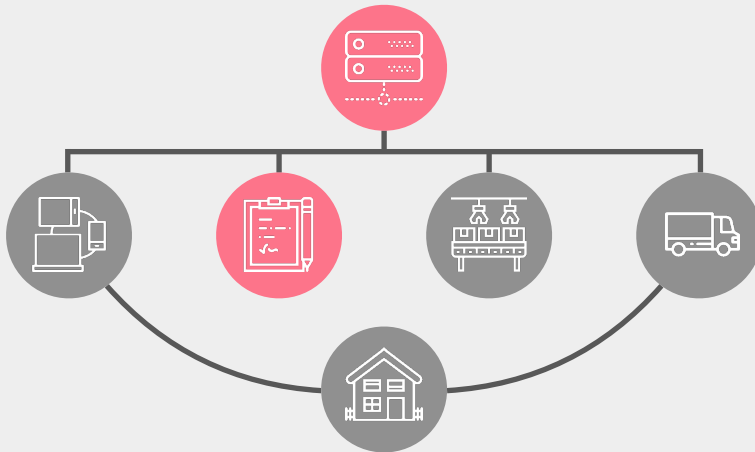
- Systems management and responsibility

Tips

- Follow a single and unique devops protocol
- Invest time into coding instead of machinery administration

BUSINESS

office & integrations



Stack

- PHP 7 with Symfony 2
- Swagger for the API
- Multiple third-parties: Datadog, Kibana, et al.
- Business integrations: Sengrid, Selligent, AECOC, et al.

Troubles

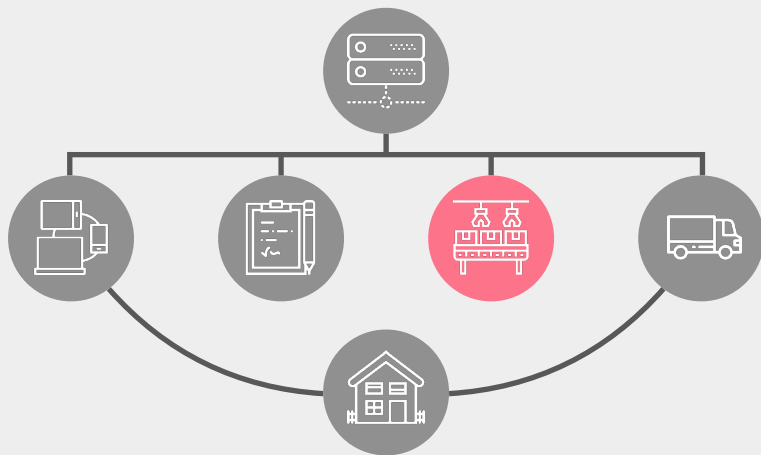
- Other offices will become IT dependants
- Never trust third-parties

Tips

- When working with others software use defensive programming
- Learn to handle internal expectations

CHANGO

warehouses



Stack

- CQRS and ES architecture
- PHP 7 with Symfony 2
- Angular webapp

Troubles

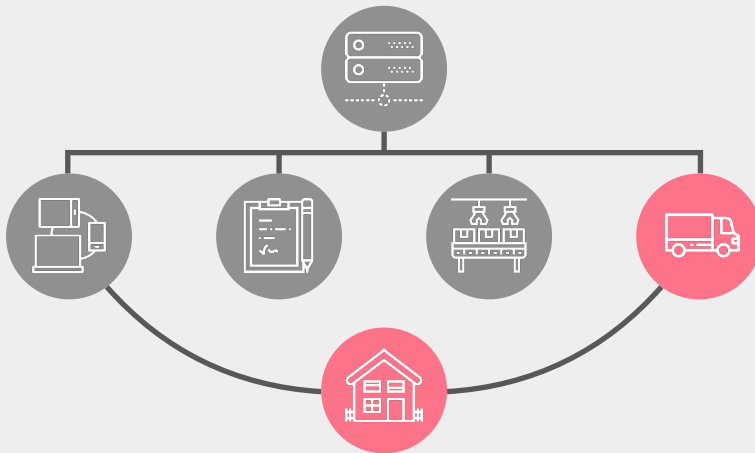
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Tips

- Never compromise for a date
- Be brave, embrace the changes

TRUCKS

routes & delivery



Stack

- Angular with Ionic
- *WIP*: Routes are gonna be in-house

Troubles

- ??

Tips

- ??

Focus on slow
cooking unique high
maintainable code



/thanks