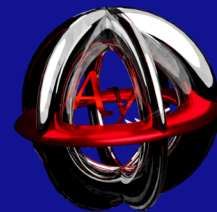


AyMINE – software architecture

Green IS Principles Observed



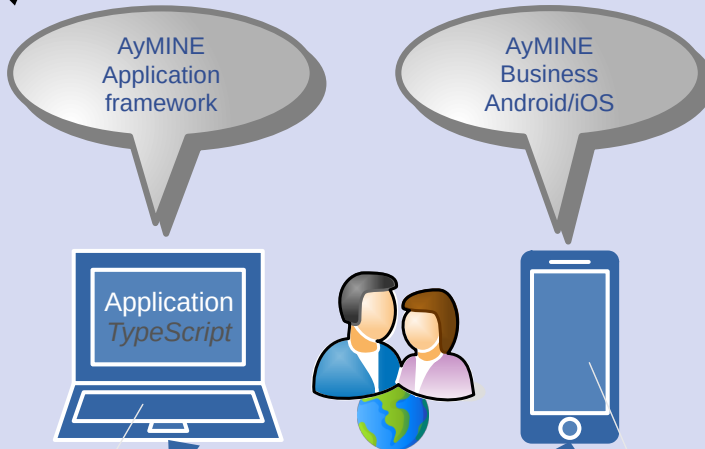
Application framework

Open design architecture

- ✓ 100% TypeScript
- ✓ Universal UI + plug-in modules

Independent parts

- ✓ UI generation from object description
- ✓ Object declaration
- ✓ Orchestration JSONC format
- ✓ Visual logic SCSS independent styles
- ✓ UI user languages JSON translations
- ✓ Documentation markdown documents



Rapid development

Build up system in few days

- 1 business method: 30min
- 1 business object: 1 day

- ✓ No-code application
- ✓ Objects & server integration defined by declaration
- ✓ System objects for fast development – notes, clips, settings, security, ...

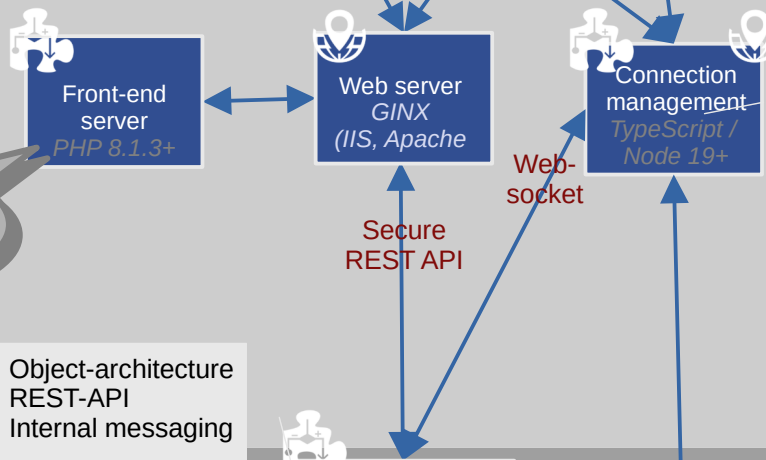
21st century interface

- ✓ GUI optimised for full-day work
- ✓ Designed for 3"-33" displays
- ✓ Drag&Drop
- ✓ Multi-window / multi-screen
- ✓ Mouse & Keyboard & Touch supported

- Stand-alone
- In-Browser application
- Complete UI rendering TypeScript

- 2-factor authentication
- Web application encapsulation Apache Cordova

- System administration
- Secure login



- Fast 2way communication with clients
- Orchestration between clients
- 2-factor authentication management

AyMINE Framework back-end portal

Object-architecture REST-API Internal messaging

Open for developers

Open design architecture

- ✓ Open-source framework
- ✓ Plug-in architecture for collaborative development
- ✓ Rapid application design

Development requirements

- ✓ Open source technologies PHP + JSONC
- ✓ Front-End generated from object description
- ✓ Trusted technologies but modern architecture

AyMINE Framework object services

Business modules (any supplier)

Why Green IT

Optimised for:

- ✓ Low energy for both server & client stations
- ✓ Minimise data transfer
- ✓ Intelligent internal structure
- ✓ Low technical resources for Development

Environmental architecture

- ✓ Reduce printing – All informations in pocket
- ✓ Caching,
- ✓ Minimised background processes & data transfers – Saves battery

Object persistence ER-database (SQL)

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Efficient business care



Presentations

Guidelines