

Native desktop modern applications

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Plan

> Thales Support Wizard demo

> Main open-sources used libraries

> Thanks

Thales Support Wizard

> Complex context

- ▶ A marketing tool
- ▶ Multiple Thales entities cooperation
- ▶ Used at Paris Air Show 2023 :
6 days, 8 hours a day, on 4 tablets/laptops

> Multiple data sources

- ▶ Customer models engine with use cases simulation
- ▶ JSON, CSV, XLSX, PNG, INI : files as input
- ▶ Adaptable : different users and customers for presentation needs
- ▶ Multi-language: English, French

demo!



> A dynamic demonstration is better, no?

Running on Pharo 11 for Windows 10

Main open-sources used libraries

> Molecule

- Component-based software architecture

> Bloc

- User-interface 2D, interactions, animations and effects
- Alexandrie backend

> Toplo

github.com/plantec/Toplo

- Widgets and Look & Feel features
- /!\ pre-alpha version

> Pharo-I18N

github.com/astares/Pharo-I18N

- Translation tools



> Pharo-INIFile

github.com/astares/Pharo-INIFile

- .ini file management

> Iconography

- Icons library management

> Other used tools

- OO & TT debuggers, Chest, Pyramid, Pharo-OS-Windows, Roassal3

Thanks to the Smalltalk community

> A last slide to thanks all of contributors

- › Quality and usability of the different project we discovered
- › Reactivity and quality of exchanges with many people of the community

> We will continue to publish open-source code and give feedback to the community

- › Some libraries are still in internal validation process to open-source world, but OpenSmock is getting bigger each day

Merci

