

Building real world solutions with No-Code / Low-Code using Liferay DXP 7.4 *John Paradias*

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Agenda

- Needs on Business Areas
- Low-Code / No-Code Approach
- Liferay tooling for Low-Code / No-Code
- What if code is needed?
- Main Advantages





Needs on Business Areas





Main needs from Business Areas





Increase selling



Needs

Personalized Experiences



Improve Productivity



Unify Legacy Systems

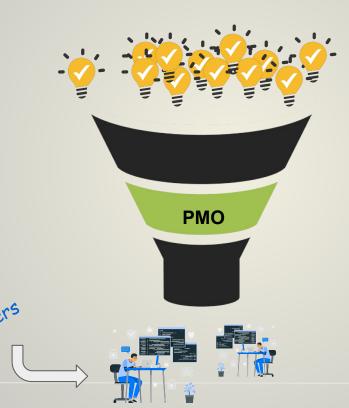






Main needs from Business Areas





Long
Time-to-Market

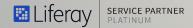




Must be processed and well understood

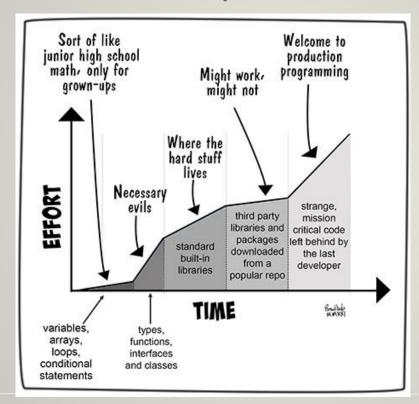


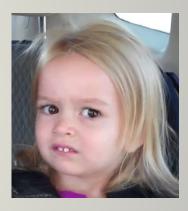






Business Areas to Develop the tools needed?









Low-Code / No-Code Approach





Low-Code / No-Code Approach

Extensions in the majority of products are typically coupled with core and mostly through coding.

To decouple extensions from code and to use low-code / no-code when possible to gain maintainability, security and innovation





What can we expect from Low-Code / No-Code?

When following a
Low-Code / No-Code
approach, needs can be
solved without complex
programming and
installations







What can we expect from Low-Code / No-Code?

Low Code

- Implementation is between 10% and 20% faster than in traditional programming languages
- Overall development is less because not all parts of the implementation require it

No Code

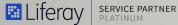
No code is for business users





What can we expect from Low-Code / No-Code?







Liferay tooling for Low-Code / No-Code





Liferay tooling for Low-Code / No-Code

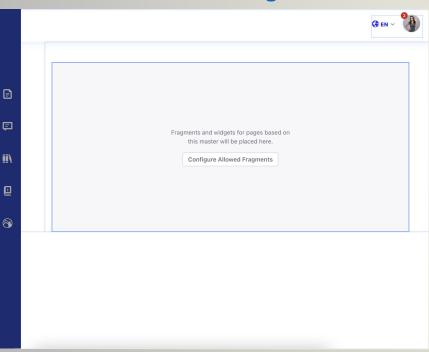
- Experience Management (Master Pages, Style Books, Collections)
- Fragments
- Forms & Workflows
- Search Configuration
- Liferay Objects



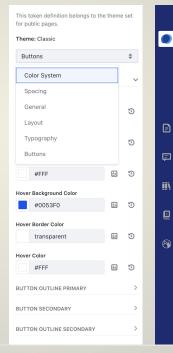


Experience Management

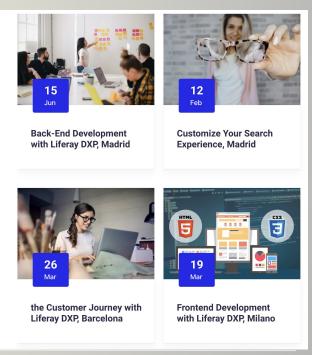
Master Pages



Style Books



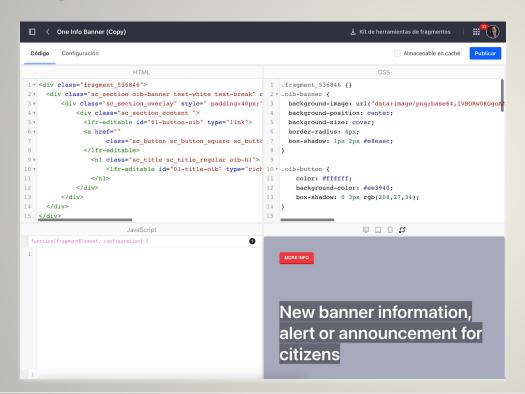
Collections

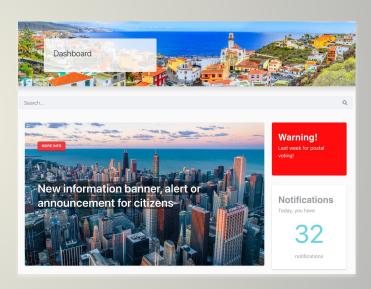






Fragments

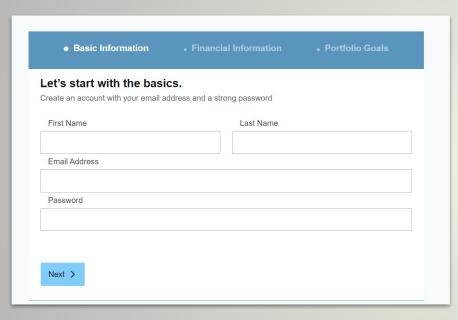


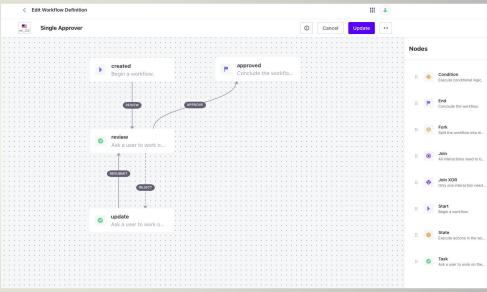






Forms & Workflows

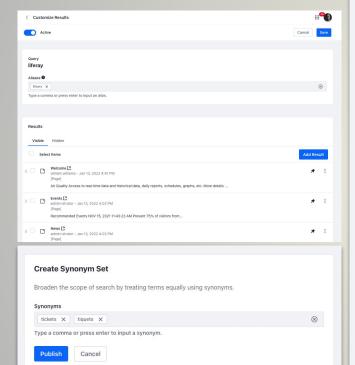


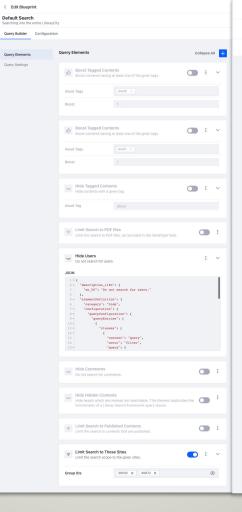


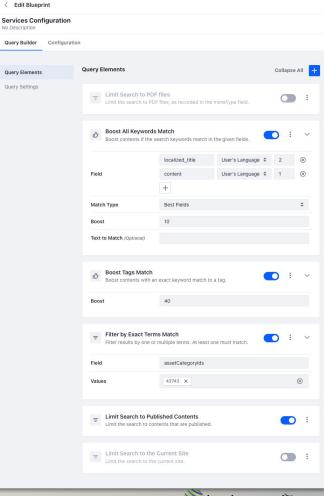




Search Configuration

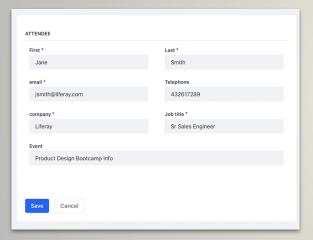






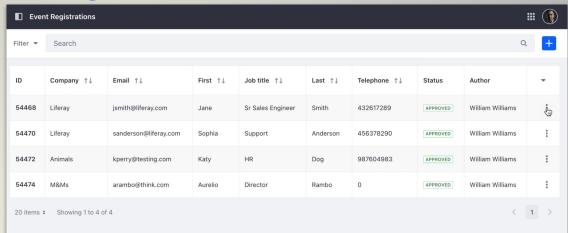
Liferay Objects

Objects & Field definition



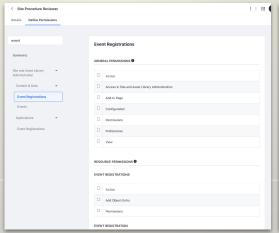


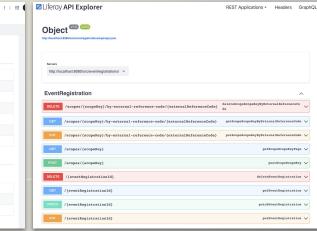
Showing Records



Permissions

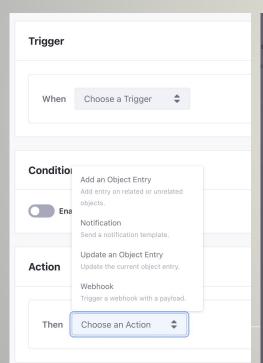
Headless (Rest & GraphQL)



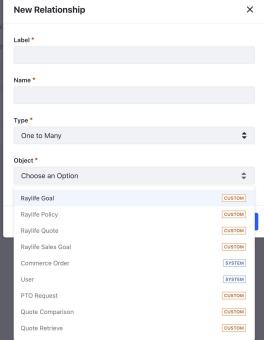


Liferay Objects

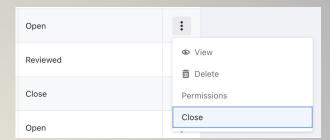
Actions



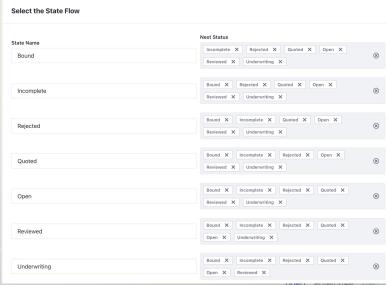
Relations



Direct Execution of Actions

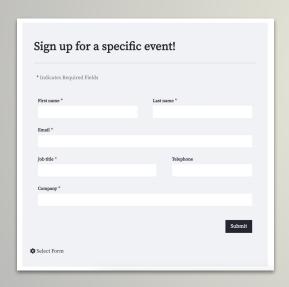


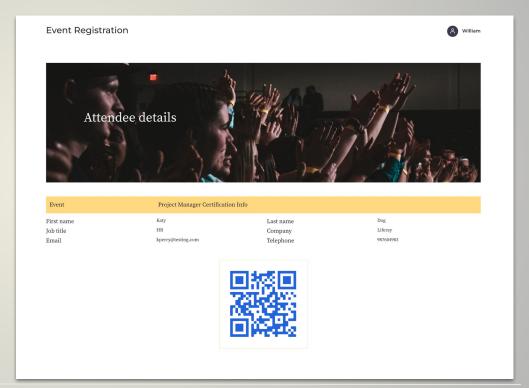
Managing States & Validations



Integration with Liferay Forms & Fragments

Form and presentation

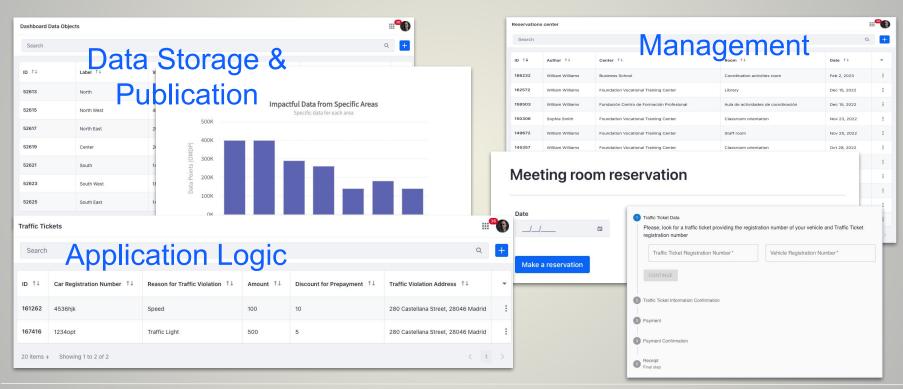








Complete Application







Liferay Objects: Some real examples

- Ticketing system on private sites
- Modeling events and their subscription
- To manage offerings / projects and their associated entities
- External entities to be synchronized with Liferay (ex. CRM, ERP, ...)
- Insurance policies, quotations, etc.
- Asking for Services
- Etc.





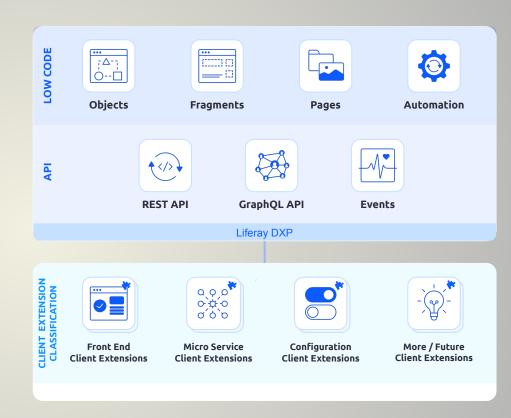
What if code is needed?





Client Extensions

Provides the key customization capabilities needed to meet highly specific business requirements, without modifying Liferay







Main Advantages





Main benefits of new Development Approach



Improve
Time To Market /
Time To Value



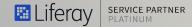
Decrease development times



Easier to find
Developer
Profiles



Savings and simplification







Building real world solutions with No-Code / Low-Code using Liferay DXP 7.4

Thank you!



