Liferay®

Low-Code

Enable users to do more through configuration,
without writing any code or depending on IT for help.

With Liferay DXP's Low-Code and No-Code capabilities, you can streamline a wide
range of business processes with minimal to no coding, including collecting and
sharing data, generating and distributing reports, or creating a system to track
and resolve issues and requests.

Benefits

Build and configure completely integrated applications without having to
write code or deploy modules.

Quickly launch simple and complex multi-page forms for surveys, applications,
online approvals, and other functions.

Easily enforce business processes with a workflow engine to define, submit,
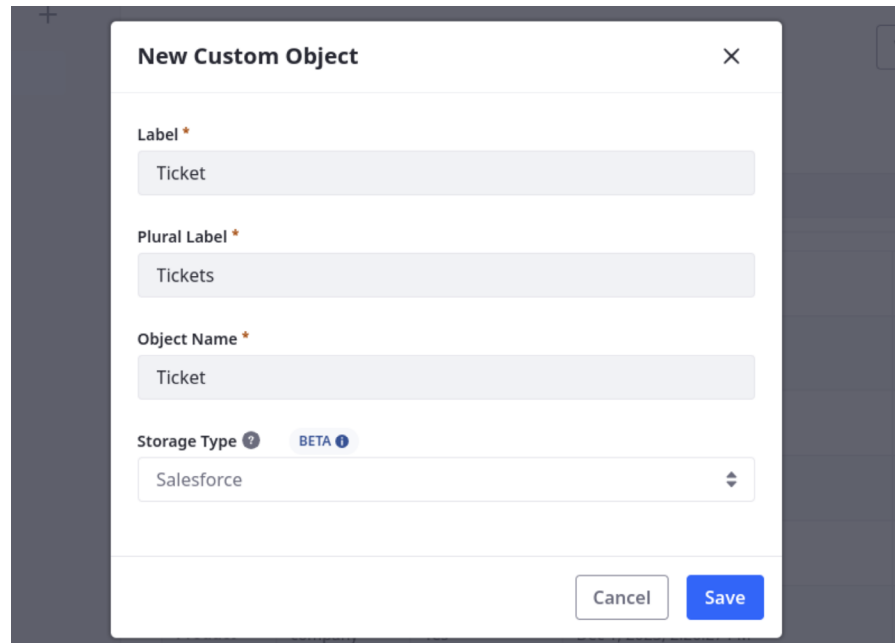review, and approve required operational tasks.

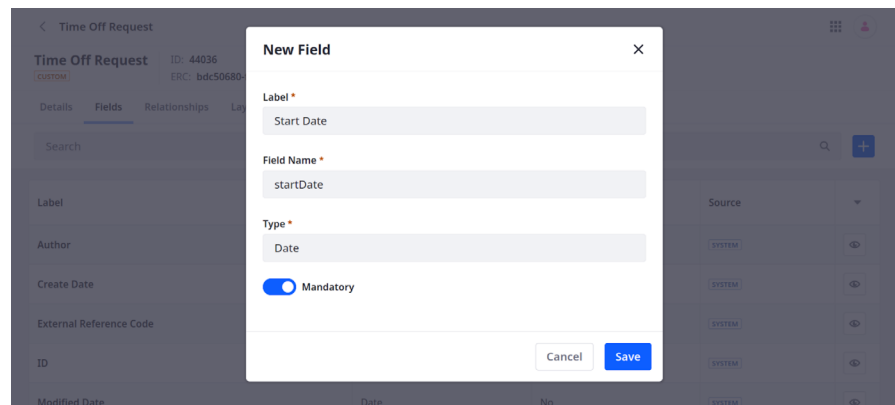## Leverage Liferay's Low-Code Capabilities to:

Model Data

Liferay Objects provides development capabilities through the Liferay UI. By leveraging
Objects, you can build fully functional and integrated applications without writing any
code or manually deploying modules. This process includes managing multiple Object
definitions and modeling experiences on top of it to create new applications. Here's just
a few ways you can leverage Objects:

- **Model Data Structures:** With Liferay Objects, users can store and retrieve data from
a Liferay database or external data sources, like Salesforce or SugarCRM. For data
stored in Liferay, users can fully leverage all out-of-the-box capabilities. By default,
Object definitions create tables in Liferay's database for storing entry data.

However, you can also configure your Object to function as a proxy, to store and retrieve data from external systems. Rather than duplicating and syncing data between systems, the proxy storage type uses a single data source outside Liferay. This helps reduce data inconsistencies and conflicts between systems. By using proxy Objects, you can leverage Liferay's low-code features to provide consistent user experiences and simplify data management.

- **Model Objects from Scratch or Extend Existing Ones:** Manage fields and relationships between models, whether they are provided by Liferay or customized. Liferay provides the ability to easily manage your custom data or extend native data structures by adding custom fields and managing relationships between those models. This will reflect in the auto-generated headless APIs, allowing you to provide alternative experiences to your customers or connect to any external system. These APIs are automatically updated as the object definitions change.

Configure Workflow Processes and Automations

Streamline data processes with Liferay's workflow engine and automations. Liferay DXP provides a workflow engine that makes it possible to define and customize approval processes before your data is valid and publish and manage them through a portal interface.
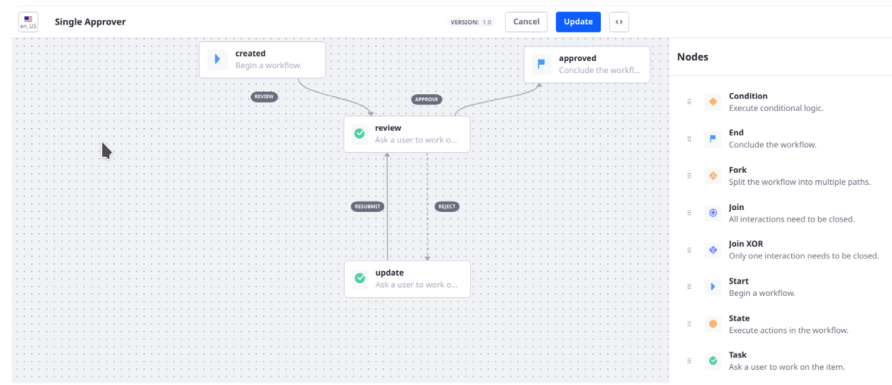
Further accelerate processes by setting up automated tasks to manage Object actions, executed by the system in pre-defined triggers and conditions.

Leverage Liferay's workflow capabilities to:

- Build workflows that require single or multiple reviewers. For example, you can use multi-review workflows to set up a review process for content. Once a content creator is finished, that content can be automatically pushed to the relevant parties for approval and feedback. Once approved, the content can then be pushed to add translations and images before getting published.

- Design complex workflows using Liferay's Process Builder Workflow Designer, which is a drag-and-drop interface for creating workflow process definitions. The workflow designer makes it easy to define and see all the tasks, reviews, and programmatic actions that should take place in your specific workflow.

- Set triggers and specific conditions where actions must run to ensure that the right actions are executed when an event happens, such as notifying a user when a task is assigned to them.

- Execute tasks with third-party systems without leaving the platform. Liferay's robust integration capabilities and mature headless layer allows you to connect with multiple systems so your users don't need to navigate between different systems to access that data.

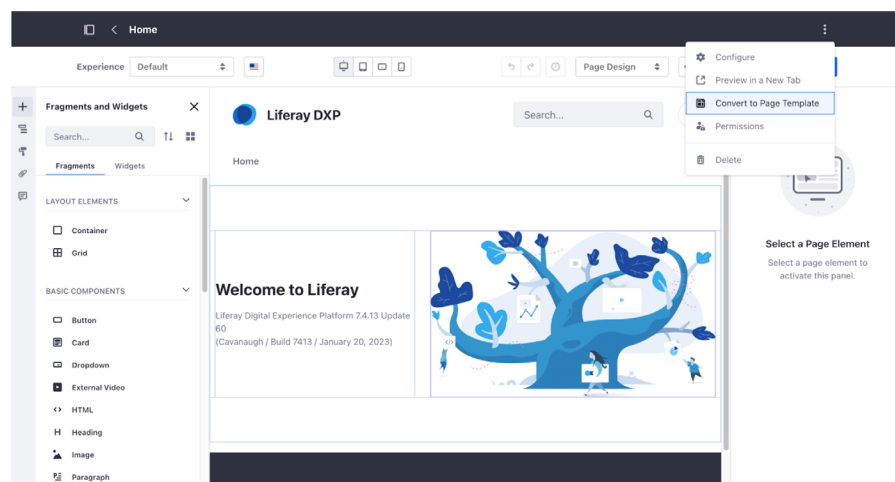Learn more about Liferay's Integration capabilities **here.**

- Configure and measure Service Level Agreements (SLAs) in a workflow process. This enables you to use a dashboard to track the time it takes to complete an entire workflow, as well as the individual tasks within your workflow, so you can quickly see if the terms of your SLA are being met by assignee, process status, or process step.

Design Intuitive Interfaces

Make it easy for users to design and build pages and new experiences and allow users to visualize and manage data through those experiences. Liferay provides many tools to accelerate the creation of digital experiences, without needing to involve IT.

- Build pages based on predefined layouts, templates, and content. While Liferay provides several basic page templates out-of-the-box, you can also create any additional custom pages, master pages, and templates as needed.

- Leverage Fragments, as Form Containers and Collection Displays, in addition to Display Page Templates to allow users to create fully functional CRUD experiences to their applications on top of existing Objects in your site.

- Ensure consistent design and experience across different pages using Style Books. They determine various visual settings on the Site, including spacing between any page elements, colors, and fonts. Each of these settings applies equally to every page using the Style Book.

- Manage data and documents from any external source connected to Liferay. You can use Liferay's native tools or leverage customizations to tailor the data to match your business or user needs.

- Extend Liferay UI by leveraging client extensions, creating custom interfaces for your users by directly interacting with the content and data through Liferay Headless APIs.

Next Steps

Low-code is just one of the out-of-the-box capabilities that Liferay DXP provides. Leveraging the power of Low-Code on top of Liferay DXP empowers you to bring your solutions to life quickly and extend them in a scalable way for your business. To view all of Liferay DXP's capabilities, visit: liferay.com/capabilities.

Ready to see how you can use Liferay DXP to accelerate your business processes? Request a demo at liferay.com/request-a-demo.