Liferay DXP 7.1

New Features

Liferay

New in Liferay DXP

Liferay DXP 7.1 is a platform to create digital solutions of any kind for your company, from innovative marketing websites to engaging global partner portals. Liferay DXP 7.1 launches new features for efficient, beautiful page design, as well as an extensive upgrade to our powerful forms features. The user experience for business users has also been streamlined throughout the platform in order to help companies save time while managing their sites. It also launches new tools to support data protection in accordance with the recent GDPR requirements. Finally, there are several significant technology updates that will empower companies to develop new competitive advantages with modern development tools for mobile and web.

For a full feature list, please contact Sales.

Key New Features

Evolve your digital presence with new features to create stunning, personalized experiences for every audience.
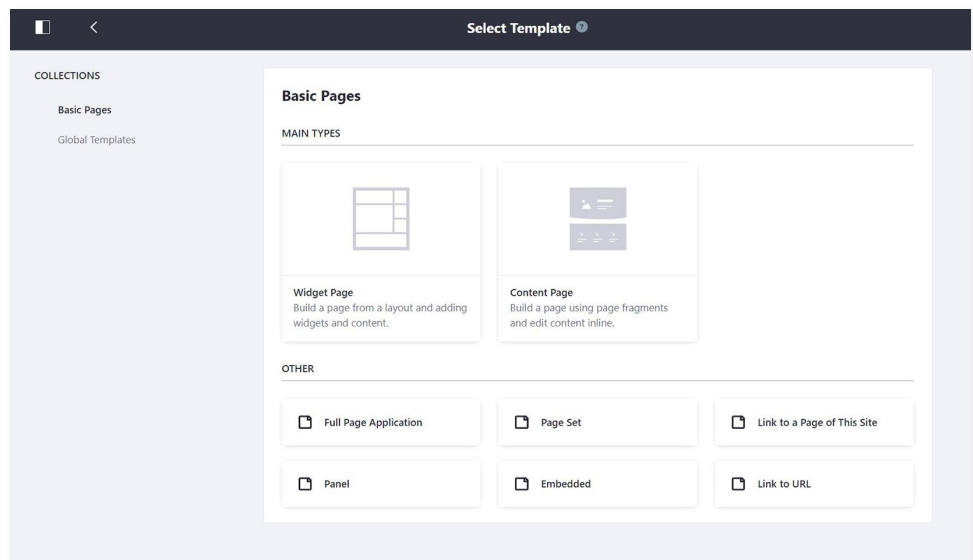
Page Creation

Liferay DXP 7.1 introduces a powerful new way to design websites. From carefully designed page fragments to full control over page menus, Liferay DXP 7.1 frees web developers and designers to execute web experiences exactly as they envision.
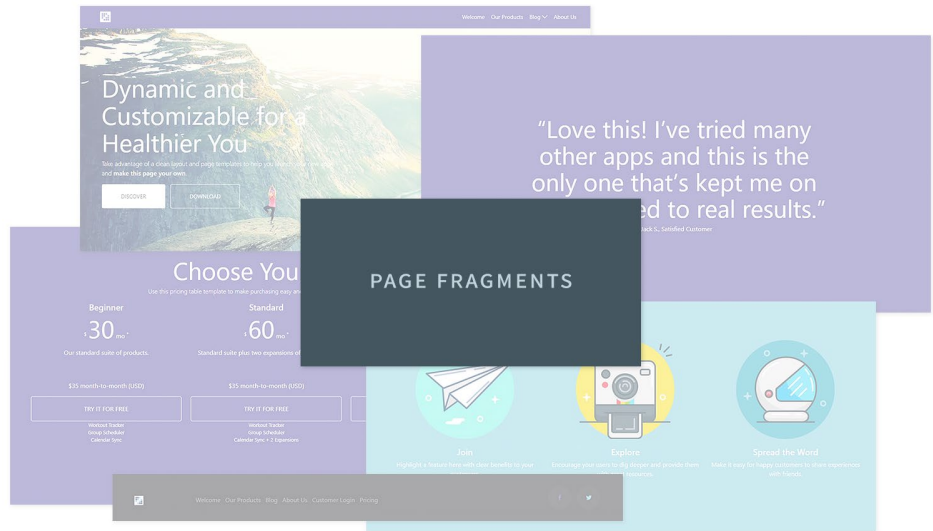
Content Pages

Users can now easily create and add unstructured content directly to pages. This is useful for site pages that don't need to leverage structured web content within Liferay, such as one-off landing pages for marketing campaigns.

When creating a new page, users are able to choose either the new content pages or widget pages, which use the traditional method of creating pages through adding and configuring applications.
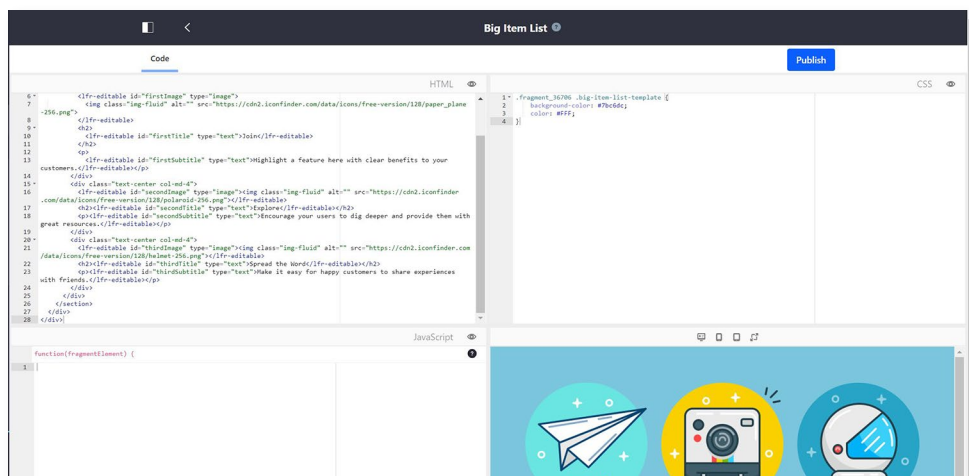
Fragments

Fragments are a new way of creating and implementing content page designs in Liferay. Web developers can now save page sections as fragments and reuse them across a Liferay site. This allows developers to create a library of designed components that can be used to quickly create pages without having to touch code. Fragments are organized in collections and leverage familiar asset management features such as drafts, thumbnail previews, search and permissions.
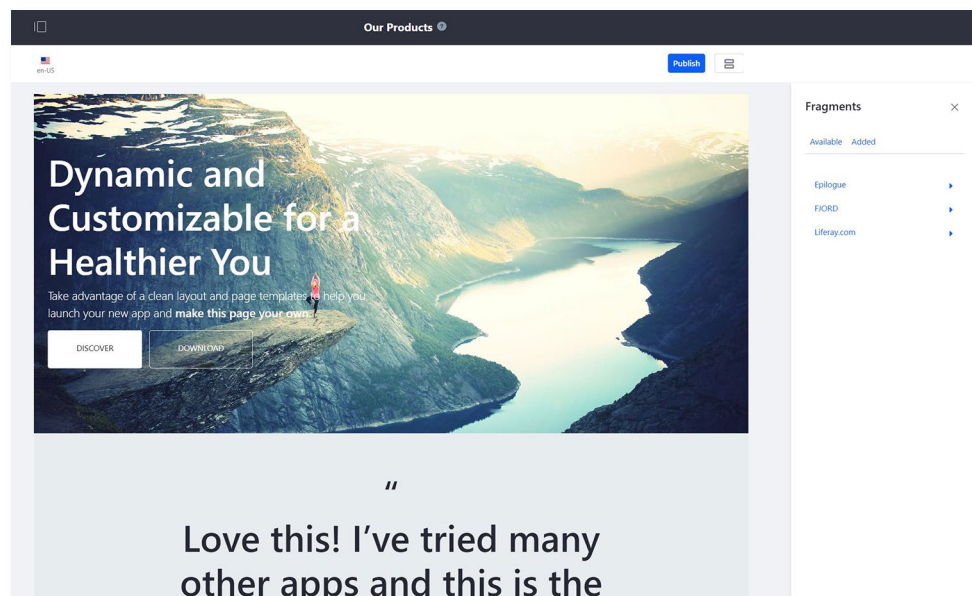

Fragment Editor

The Fragment Editor is a professional code editor within the browser that allows web developers to create or edit their fragments. Alternatively, developers can create fragments with their preferred tools and import the fragments into Liferay.

Page Editor

The introduction of fragments opens up new ways to create pages and templates through a visual page editor. The traditional method of page design through adding and configuring applications on a page is still supported in Liferay DXP 7.1.

The new Page Editor allows business users to visually lay out page designs and save them as reusable templates. Within this interface, users can search through collections and easily add, remove and position fragments on the page. Marketers can then customize text with in-line editing and swap in new images and other elements. Fragments can incorporate Liferay's out-of-the-box applications and configure them within the page editor.
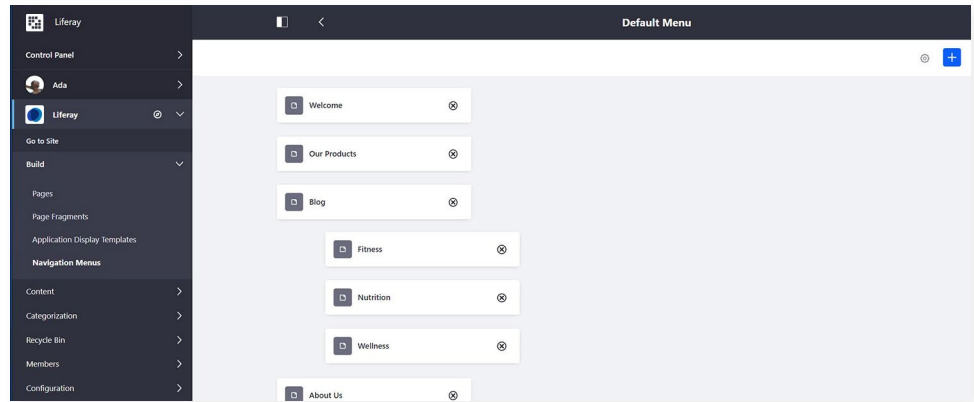

Display Pages

Display Pages have been improved to make it easier to create standard templates for web content that needs to be displayed in a consistent view, such as press releases. Use page fragments to implement designs and map content sections without touching code. When a piece of web content is published with a display page template, it will automatically be given its own page with a unique URL, replacing the default content in the template with the newly added web content.
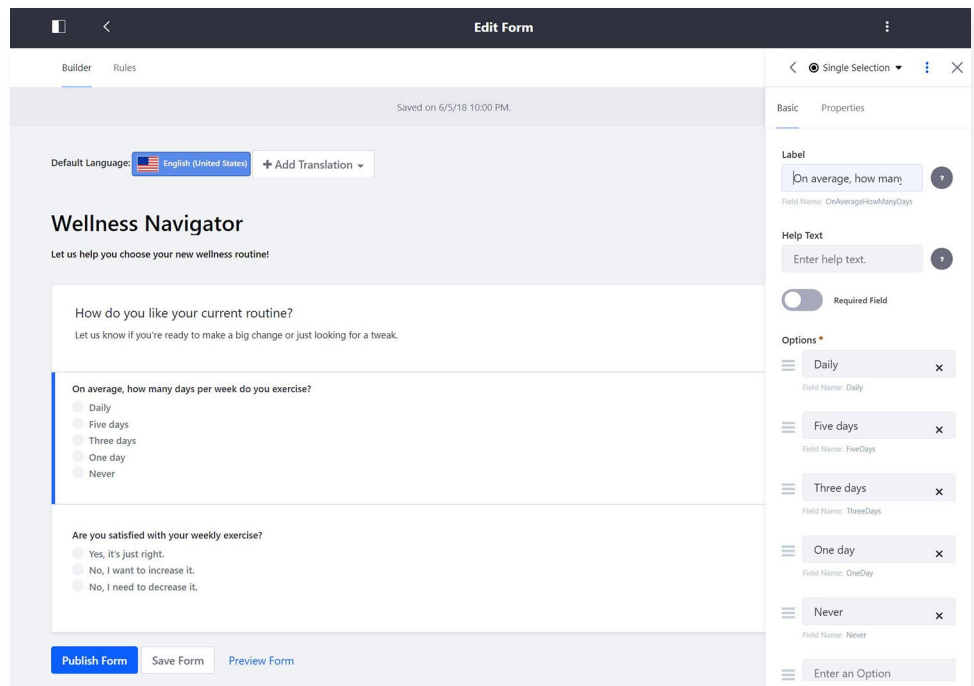
Menus

Menus are now decoupled from page navigation. This gives business users the freedom to create custom menus for sections of the site or remove menus for things like marketing landing pages. A new drag-and-drop interface allows you to easily manage menu hierarchies and save different menu sets.

Forms

Forms have extensive new functionality, including a set of conditional rules that allows companies to design advanced forms for every situation. The interface has also been improved for better usability, with intuitive editing support.

Improved Usability

There are more than a dozen new tools that improve usability in Forms, empowering business users to customize how they collect data with simple and efficient user experiences.

FORM CREATION

- Autocomplete
- Drag and drop interface for fields
- Multipage forms
- Configured success page
- Duplicate fields

- Clone forms
- Autosaving
- Import/export data provider definitions
- Localization

FORM MANAGEMENT

- Improved process for publishing and previewing forms
- Shareable form URLs
- Redirect after form submission
- Validation logic with RegEx
- Custom messages for validation errors

- Workflow integration
- Email notification
- Versioning
- Reusable element sets for quickly creating new forms

AUTHENTICATION

- CAPTCHA enablement

- User authentication

Conditional Rules

New conditional rules support more advanced forms that can create calculations, offer follow-up questions based on responses and much more. Liferay developers can use the new Rules API to create rules that will address any needs not covered out of the box.

Fields and Properties

The Fields and Properties have been expanded with options such as File Upload, Password and Autocomplete. A new API also allows developers to create new customized field types.
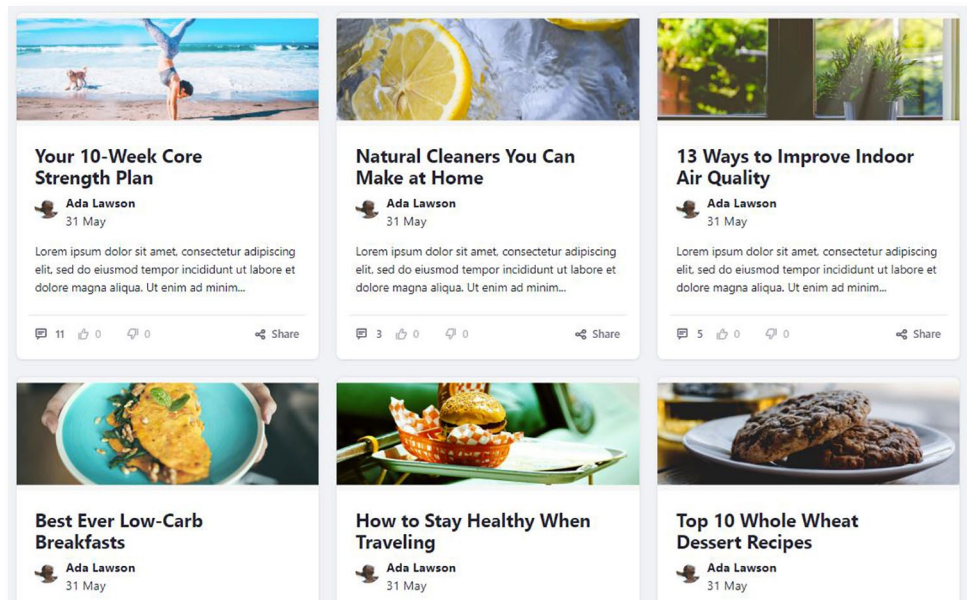
User Experience

Liferay DXP 7.1 rolls out several user experience refinements for externally facing content such as blogs, as well as omnichannel support for how media is displayed and delivered on different devices. These integrated improvements ensure that companies can deliver a better experience to their customers out of the box.

Adaptive Media

Adaptive Media is an application in Liferay that dynamically adjusts images to best fit the screen size of the device being used. It also offers deep control over how images are loaded and displayed, allowing companies to address performance issues across a wide variety of devices and varying network speeds between users and countries. Adaptive Media automatically does most of the work in the background, but developers can edit image resolutions as well as define which devices should trigger various resolutions. This level of control enables consistent experiences that avoid poor page layouts and slow load times.

Blogs and Message Boards

Blog refinements such as support for creating friendly URLs, displaying estimated reading times, the ability to unsubscribe from email notifications, new cards design and support for videos from external services make it easier to deliver experiences that are tailored to your blog audience. Message Boards now support drag and drop for uploading attachments, section renaming, category and thread grouping, notification management and a new design for comments.

Administration Improvements

In addition to its new features, Liferay DXP 7.1 improves the experience for business users. Streamlined administration tools allow companies to spend less time managing their sites, while still offering the granular control necessary for enterprises.
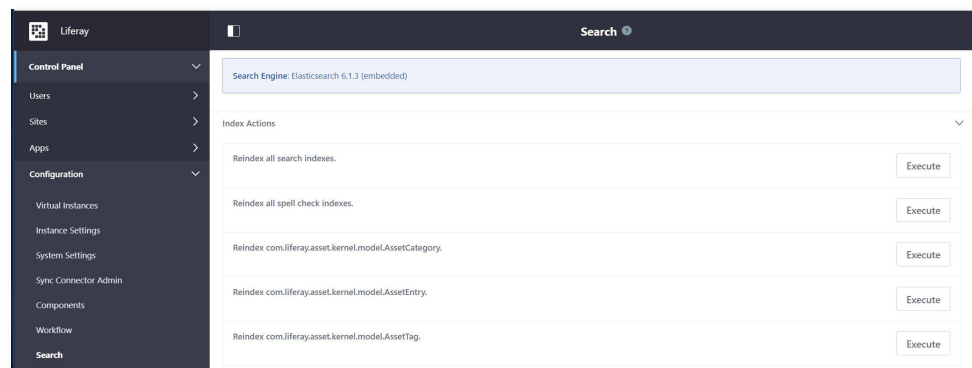
Data Protection

Liferay DXP 7.1 introduces new data protection tools to help companies address GDPR regulations and maintain control over how their platform manages user data.

Companies can now erase a user's personal data and export a user's personal data in a machine-readable format upon request. For data erasure, administrators can review content that potentially contains personal information and edit or delete as needed through a simple interface. Both tools include APIs for third-party apps to implement this feature or override the default behavior for out-of-the-box apps.
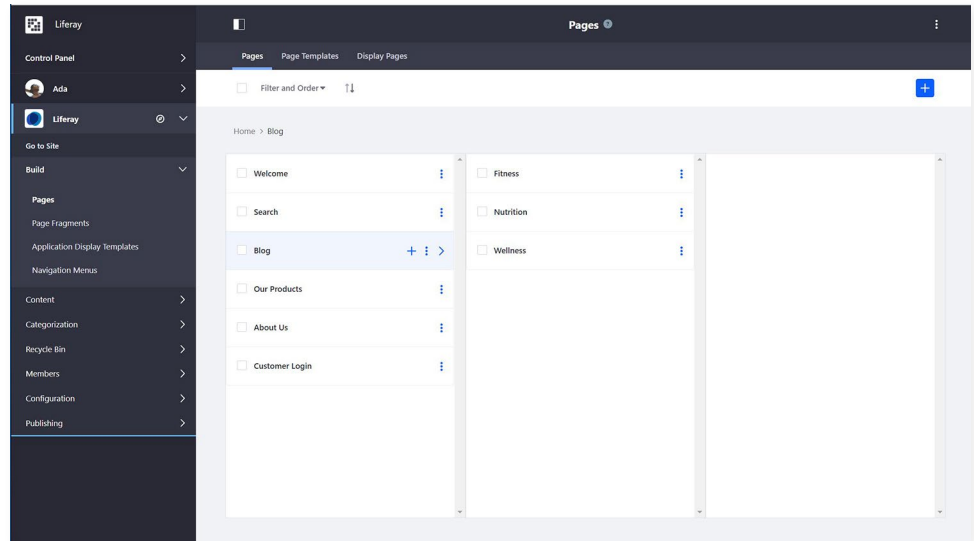
Search

Liferay DXP 7.1 improves search administration with Liferay and uses Elasticsearch 6 as the default search engine, giving users more options for implementing and managing enterprise search for their sites.

A new control panel makes it easier to take care of all administration tasks with the click of a button. Users can configure the search engine, start and monitor any reindexes, and much more.

Page Management

It's now easier to add new pages to Liferay with an interface for visualizing and managing complex page hierarchies. Page templates can also be easily created, added and applied, bringing all site pages into one central location.

Workflow Management

Workflow management has received a complete UI overhaul, with all configuration consolidated under one area in the Control Panel. Existing workflows can now be duplicated, and definitions are versioned, with the option to save drafts and restore previous versions.

Developer Improvements

Liferay DXP 7.1 includes an updated collection of tools to facilitate the support and development of Liferay projects.

Hybrid Mobile App Development

Liferay Screens 3.0 enables software developers to use Apache Cordova or Xamarin to build cross-platform applications from one codebase designed for the web on a PC and embed that content into a Screens app for mobile use. Sites and applications designed for PC can be rendered in screenlets with no additional code. The resulting apps allow native mobile capabilities and navigation to be mixed with HTML content seamlessly.

Modern JavaScript Frameworks Compatibility

Liferay DXP leverages its own npm bundler so developers can manage dependencies between applications. Liferay DXP 7.1 provides support for popular JavaScript frameworks such as Angular, Vue.js, React and modern JavaScript workflows, so that npm modules can be deployed inside of Liferay DXP.

Modularity Update

New search applications such as Search Results, Search Bar and Category Facets allow for greater flexibility in page construction. These applications come from the previous Search application, but have been divided into more useful components.

The message boards services have also been modularized and extracted out of the core, making it easier to manage and update Message Boards independently.

What's Next

Learn more about how Liferay can help your business take the next step in your digital strategy. Request a demo from one of our team members at liferay.com/request-a-demo.

Liferay

Liferay makes software that helps companies create digital experiences on web, mobile and connected devices. Our platform is open source, which makes it more reliable, innovative and secure. We try to leave a positive mark on the world through business and technology. Hundreds of organizations in financial services, healthcare, government, insurance, retail, manufacturing and multiple other industries use Liferay. Visit us at liferay.com.

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