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PriVaults

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Privacy by Design

PriVaults is built with the Privacy by Design principle. This means that when you are designing your storage for an application the developer needs to consider the reasons for which data is stored and retrieved.

Privacy by Default

Privacy should be guaranteed by default. PriVaults helps the developer to create anonymous applications. There should be made a request to the user only when personal details are needed for the application to function properly.

Single sign on system

Instead of making many user systems within an organisation, PriVaults serves as a single sign on for users. Users won't be bothered with the same purpose question each time. Instead, they'll only need to give their consent once.

Right to be forgotten/Interface for privacy usage for users

PriVaults has a user interface where they can see their details and request features to be deleted. They can see what information is stored and to what purpose.

Logs for PO/DPO (privacy officer/data protection officer)

All the data that is accessed, is logged within the PriVaults system. The logs can be exported for a review and show which application is using what private information at any given time.

Communication bridge between developers and DPO/PO

Developers can focus on the storage and permissions of an application. While they still need to describe what information they are using for what purpose, they can still do this in a technical way. DPOs can review the permissions and bundle them into human-readable purposes.

Passwordless

Since passwords are not a secure way of protecting privacy data PriVaults is completely passwordless.

Graph database

Whilst PriVaults helps you to enforce privacy by default an organisation could still end up with lots of interesting data. PriVaults is built on top of an enterprise graph database system that is easy to scale, and has features like failover clusters.

GraphQL interface

To access the data within PriVaults, GraphQL is used as an interface language. This method makes it easy to retrieve and update information from different platforms and programming languages. It makes sure you only retrieve the information the application really needs.

About PriVaults

PriVaults is a storage service that focuses on Privacy by Default and Privacy by Design. It has an single sign on authentication service and offers tools for users to request their deletion and or see what data of them is stored. PriVaults tries to be GDPR compliant in every way while keeping the ease of programming. PriVaults is a Pluxbox solution.

About MARCONI

The MARCONI project takes on the challenges that radio faces today: engaging users and offering personalised experiences on various digital platforms. By integrating broadcast radio with digital and social media, MARCONI enables fully interactive and personalised radio solutions. Visit for more information: projectmarconi.eu

