

polypoly Products

CATEGORY

Polypoly products

TOPICS

polyPod

polyPedia

polyPod turns end devices into data centers

The polyPod can be downloaded by citizens to their end devices like an app, where it takes over the storage and analysis of personal data. For the processing, the polyPod uses the unused computing power of the end devices.

The polyPod is a data wallet, as well as a virtual server and feature store in one app. Via the data wallet, the users can import their data from external platforms and then manage it. That can be a »friendly« data download where companies or institutions source out their data management to the users, or a GDPR data download where the users can force data oligarchs to give back their data. This way the users take back control of their data and know exactly who knows what about them.

The virtual server uses the unused computing power of the user's devices to execute algorithms for data evaluation. That enables users to offer data based services where they are in control and determine the price to generate their digital income. As just business critical and evaluated data-insights are shared, it doesn't harm their privacy, saves data storage capacities and thus also a lot of money and CO₂.

The feature store function allows companies, institutions and developers to provide features and services independently of data oligarchs. Step by step the polyPod transforms to a »Super App« where users have all services from messenger to food delivery in one place. This is much more convenient than dozens of individual apps scattered across the end devices of the users.



Advantages for the user:

- Users can generate a digital income, instead of paying »free« services with their privacy.
- Users get a high convenience, as they no longer have to maintain their data in different places.
- Users are in control over their data and manage access rights conveniently in their polyPod.

Advantages for economy:

- High quality data insights directly from the source, independent and more favorable.
- Customer data and insights generated are GDPR-compliant per default, so no legal risks.
- The cost of storing and managing customer data is saved as well as the CO₂ is reduced.

polyPod is developed by polypoly Cooperative

polyPedia – The “Bloomberg” for data

polyPedia is a database that anyone can use to get an overview of data flows. polyPedia stores information about companies, for example who owns them, how they handle data or how they monetise data. The aim is to create transparency about how and through which hands individual and personal data sets pass. This makes the currently invisible visible: how do data oligarchs work and how do they use data growth for their own purposes? How does the global network of data marketers work, where do they distribute the data? How does data once transmitted to companies move through the network and where is it monetised? polyPedia will provide information about this step by step.

Some of the data for polyPedia is collected automatically, but most of it is researched manually. Journalists and scientists get free access to the data and polyPod users can also explore the invisible data network via the Explorer Feature in polyPod. For deeper or more extensive research, companies in particular can purchase a licence to use the data.

polyPedia is developed by polypoly Foundation.