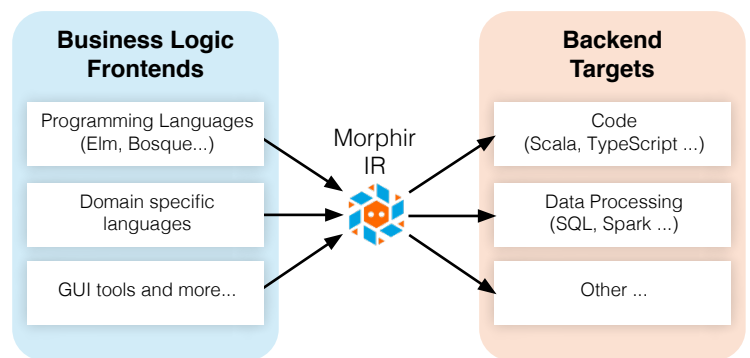# Welcome to
morphir

Sharing business logic across people and technologies.

Leverage the power of your business logic by storing, sharing, translating, and visualising it; all with the reliability of standardisation ensured in the Morphir framework.

What is it?

A set of tools for integrating technologies. Morphir is composed of a library of tools that facilitate the digitisation of business logic into multiple different languages & platforms. The Morphir framework is unique too in that it facilitates elements of automation and conversion that were previously unavailable in the field of fintech.

Business Logic Frontends

- Programming Languages (Elm, Bosque...)
- Domain specific languages
- GUI tools and more...

Morphir IR

Backend Targets

- Code (Scala, TypeScript ...)
- Data Processing (SQL, Spark ...)
- Other ...

Why is it important?

Morphir makes business logic portable. Business logic digitised provides distinct advantages: capacity for movement across departments and fields & the ability to be converted to new languages and applications.

It allows for use of existing and future tools. Morphir ensures that entered business logic conforms to strict standards, future-proofing new languages and application modelling adaptations as well as current.

How does it work?

Morphir defines a standard format for storing and sharing business logic. A clear set of standards and format is in-place from the input/output, allowing for coherent structure.

Provides APIs and tools to integrate technologies. Once your business logic is converted into developer-friendly data, ease of integration and assimilation into new environments is possible.

![morphir logo]

Morphir is a library of tools that works to capture business logic as data.

What are the benefits?

Eliminates technical debt risk

Refactoring code libraries is often a harmful and time-sensitive issue for businesses, Morphir ensures the standards introduced from input eliminate delays at deployment.

Ensures correctness

Certifying that specified functions behave as intended from input to output is assured through the Morphir library / tool chain.

Increases agility

Adaptability and usability are key concepts of the Morphir framework, business logic can now move with the code, be easily understood and adopted, in an ever-developing ecosystem.
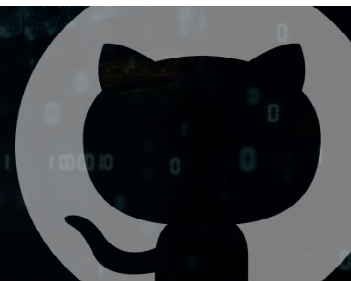
Disseminates knowledge through automation

Morphir's automated processing helps disseminate information which otherwise may not be understood or shared at all, a useful tool when bringing elements of business logic to conversation outside of its immediate audience (i.e developers).

An ecosystem of innovative features.

Supporting the development of your business' needs in an ever-developing ecosystem based on firm standards and the integration of new languages.

MORPHIR GITHUB >>

We're a Community Creating Open-Source Solutions for Financial Services

Providing an independent setting to deliver software and standards that address common industry challenges and drive innovation.

FINOS

morphir   **morphir.finos.org** | github.com/finos/morphir