



Frec

An MCP Infrastructure at
the service of SMEs in the
Catalan Digital Ecosystem

FREC.CAT

IMPULSAT PER



Accent
obert



FINANÇAT PER LA



AMB EL SUPORT DE LA



Generalitat de Catalunya
Departament d'Empresa i Treball

Motivation

LIMITATIONS OF CURRENT AI TECHNOLOGY

Motivation

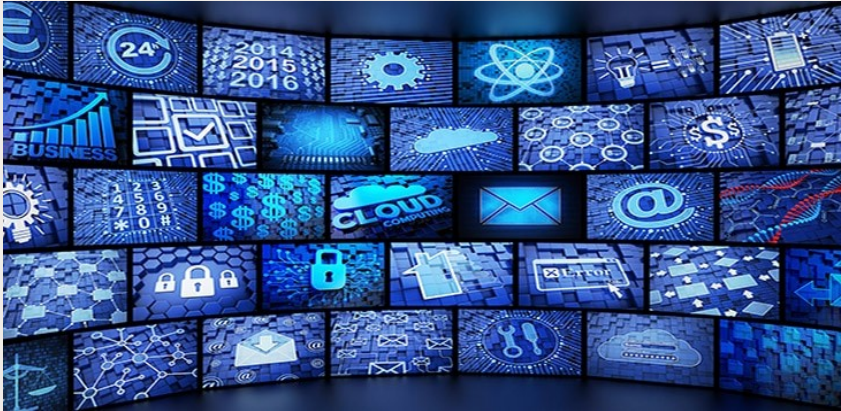
LIMITATIONS OF CURRENT AI TECHNOLOGY

1. Impossibility of a **universal AI model**

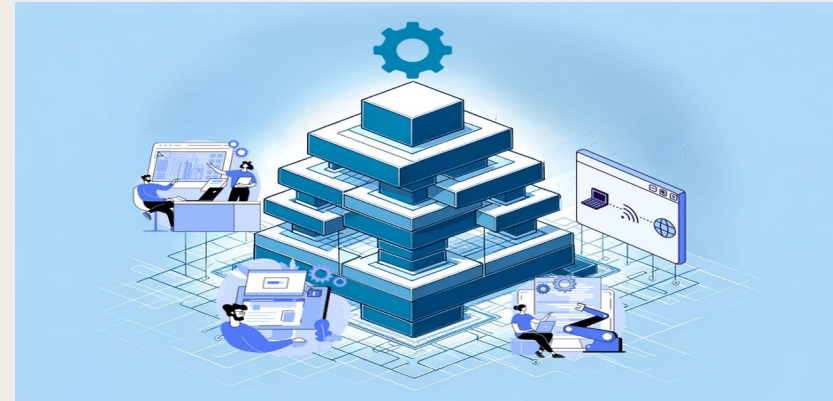
Motivation

LIMITATIONS OF CURRENT AI TECHNOLOGY

1. Impossibility of a universal AI model



NEED FOR CONSTANT KNOWLEDGE UPDATING



NEED TO WORK INSIDE ORGANIZATION ENVIRONMENT

Motivation

LIMITATIONS OF CURRENT AI TECHNOLOGY

1. Impossibility of a **universal AI model**
2. **Deployment** limitations



Motivation

LIMITATIONS OF CURRENT AI TECHNOLOGY

1. Impossibility of a **universal AI model**



2. **Deployment** limitations



**NEED FOR LOCAL
HOSTING**



**FINANCIAL COST
OF MASSIVE DATA
PROCESSING**



**CORPORATIVE DATA
FILTRATION RISK**



**LEGAL PROTECTION OF
SENSITIVE/PRIVATE DATA**

Motivation

LIMITATIONS OF CURRENT AI TECHNOLOGY

1. Impossibility of a **universal AI model**



2. **Deployment** limitations



3. Limited data for **most languages**

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1. Impossibility of a **universal AI model**



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3. Limited data for **most languages**



UNEVEN DISTRIBUTION
OF LINGUISTIC DATA



OLIGOPOLY OF
COMMERCIAL AI

PROPOSAL

Proposal

Impossibility of a universal AI model

**CONNECTED COMPONENTS
STRUCTURE**

MCP technology

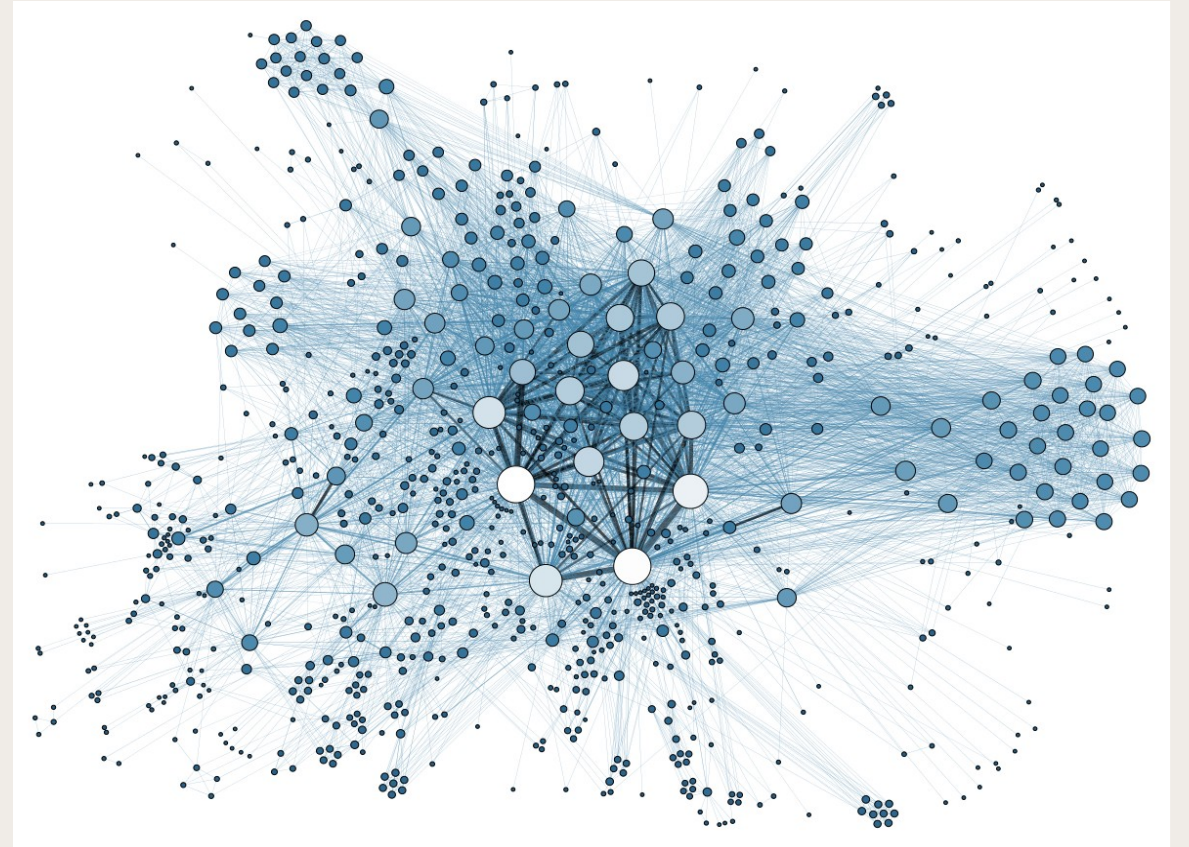


Proposal

Deployment limitations

SMALL LANGUAGE MODELS

LLMs can not be used in many situations



Proposal

Limited data for most languages

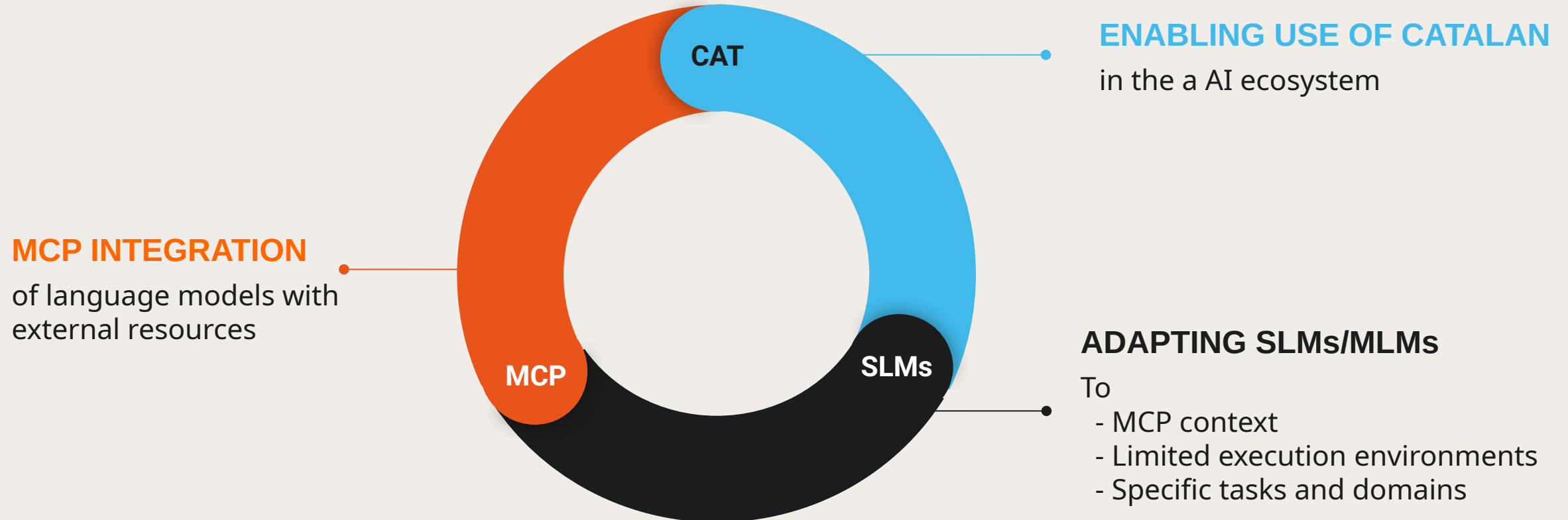
MODELS SPECIFICALLY TRAINED FOR GIVEN LANGUAGES

- Aina models (Catalan)
- ALIA models (Spanish, Basque, Galician, Catalan)
- Language-specific datasets



FREC

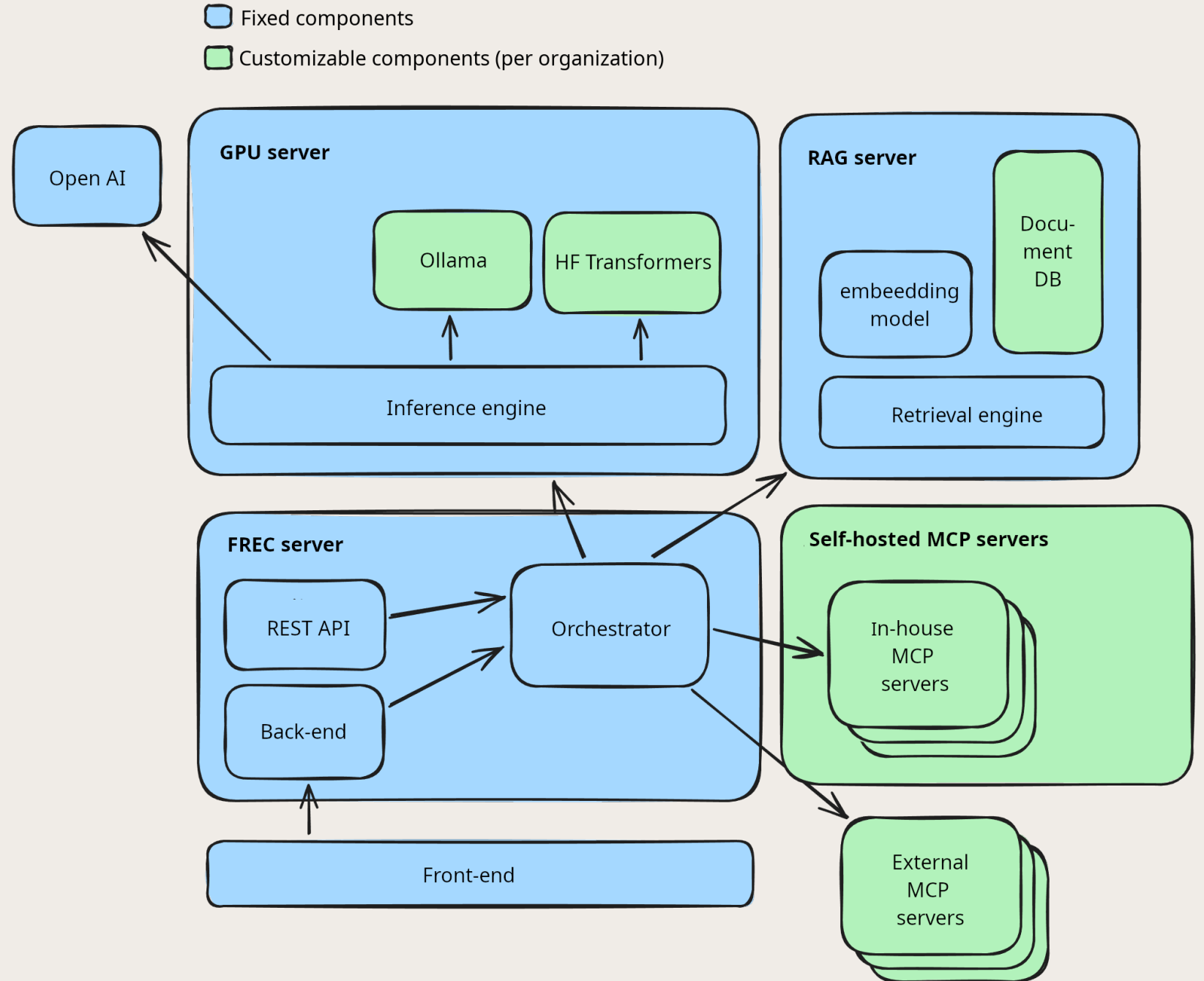
FREC Project



FREC Project

Architecture

FREC is designed to ease the deployment in small and medium organizations **seeking to integrate IA in a safe way and with privacy guarantees**



FREC Project

Open Source

FREC is open source,
so any organization can
freely incorporate it.

Platform Solutions Resources Open Source Enterprise Pricing

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js-processtalks Update README.md d073561 · yesterday 14 Commits

agents	FREC public release	3 days ago
assets	FREC public release	3 days ago
docker	FREC public release	3 days ago
docs	FREC public release	3 days ago
frec_server	Rename python package folder	yesterday
img	Afegir captura de pantalla	2 days ago
mcp_servers	Update README.md	2 days ago
prompts	FREC public release	3 days ago
.gitattributes	FREC public release	3 days ago

About

Repositori de l'eina FREC i les seves integracions MCP oficials

Readme

AGPL-3.0 license

Activity

Custom properties

0 stars

0 watching

0 forks

Report repository

Releases

No releases published

Use cases



Bleta reduces digital gap easing the access for older adults to the digital world and improving their social connection.

Use cases

BLETA

- Software **transforming any device** into an accessible digital experience
- Plataform with **advanced analytics** to optimize use and adoption
- **Artificial Intelligence** and **voice assistant** (FREC)
- **App ecosystem** for communication and digital services
- **Multi-channel deployment** (B2C & B2B) in administrations and organizations



Use cases



Gandolapp
Never drive alone



The companion for truck drivers. Voice-based mobile app devised to assist truck drivers on the road.

Use cases

GANDOLAPP

The ultimate digital copilot for truck drivers.

Work, safety, and life in a single app.

KEY FUNCTIONALITIES

- Hands-free voice interaction
- Work tools (navigation, assignments, communication with fleet base)
- Entertainment and personal assistant
- Safety functions (alerts, emergency support)

BENEFITS

- Reduces distractions → safer driving
- Improves on-route productivity
- Enhances driver experience and well-being

What next

**FREC IS IMPROVED WITH
EACH NEW USE CASE**



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i Resiliència

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