

## External services (not directly accessed by API-X Core)

Fedora Storage  
Back End

Fedora Index(es)  
(triplestore, etc.)

Third-Party  
Service 1

Third-Party  
Service 2

## Services (accessed by API-X Core)

Fedora REST API

Custom  
Service 1

Custom  
Service 2

## API Extension Architecture

Extension 1

Extension 2

Extension 3

Queue Manager  
(e.g. AMQ)

Route Manager  
(e.g. Apache Camel)

API-X Core

API -X Client

## Notes

1. The green arrows indicate how extension reference external services. The services are actually called by the core itself. The red arrows indicate the data/request flow.
2. Routes define in which sequence extensions are called and under which conditions.
3. The Fedora repository is considered not differently than other, custom-made services. Ingestion into a Fedora repository may or may not be the last step of a route.
4. Services accessed by API-X are RESTful services. They can be located anywhere on a network.
5. External services not directly called by API-X can be any type of API (or even system calls, etc.)