Business & Transportation Layers Sequence diagram
Flow diagram for exchanging business data
Basic message

RN: Record number
DT: Date and time
AC: Action
MT: Message type

Possible actions: CRUD
Extended entities

- FLUX
- MSG
- RET
- NACK
- ACK

Only Create Msg is allowed (AC=='C' )

Can be any of Business Return message. See other Business Domain document for further details.
Error handling

Diagram showing the process of error handling in a business messaging system. The diagram illustrates the flow of messages between Originator Endpoint A, FLUX Node N1, and FLUX Node N2. It highlights the handling of errors, such as timeouts and retries, and the flow of error messages and notification emails to business contacts and node admins.
FLUX Software

FLUXv1.0 Prototype
• Runs on JBoss 7+, needs PostgreSQL 9+ or Oracle 9+
• Available Today
  – Java, Open-Source
  – Sources on CIRCABC
  – Extensive documentation on CIRCABC
    • UML diagrams
    • System Architecture
    • Implementation details
  – EU Prototype Node
    https://fides.acceptance.ec.europa.eu/fluxService/flux.wsdl