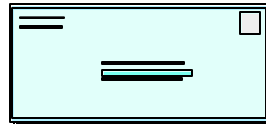




# WebSphere Data Interchange for CICS

"Hot DI" Capability





## "HOT DI"

Uses "initialized" CCBs to speed up WDI processing by eliminating the need for WDI initialization tasks and WDI termination tasks

Usually requires a "load balancer" or "monitoring" program to manage the Hot DI "queues" (CCBs) and link to WDI Utility to start EDI transaction processing

Requires a "termination" at end-of-day to release CCBs





# "HOT DI"

Normal Translation Features 3 Step Process

EXEC CICS LINK PROGRAM('EDIFFUT')





# "HOT DI"

## "HOT DI" Translation Process

### *Initialization*

- Acquire Storage Areas(s)
- Save CCB Address(s)
- Load Control String
- Load Profiles
- Load T & V Tables

### *Translation*

- Translate Data
- Write TSF (opt.)
- Write Event Log

### *Termination*

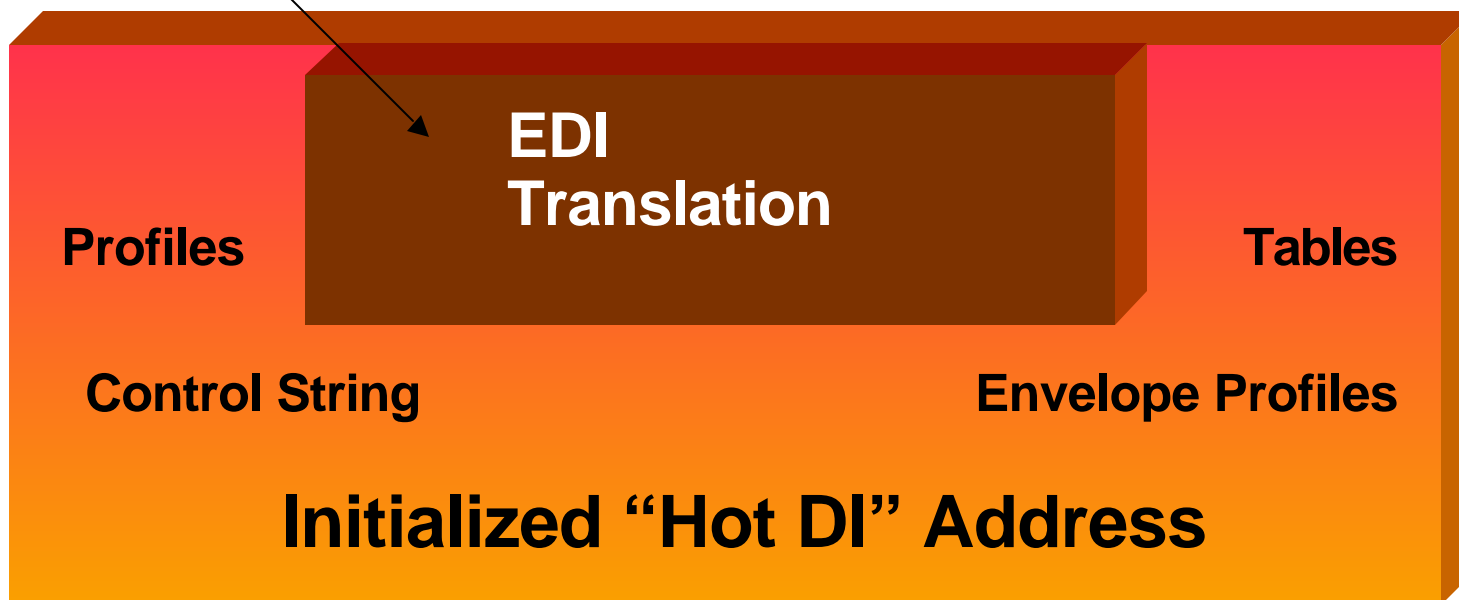
- Free Resources





# "HOT DI" Translation Process

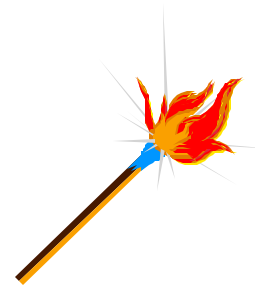
CALL 'FXXZC' USING SNB-DATA,  
CCB-DATA,  
FCB-DATA,  
DI-UCB





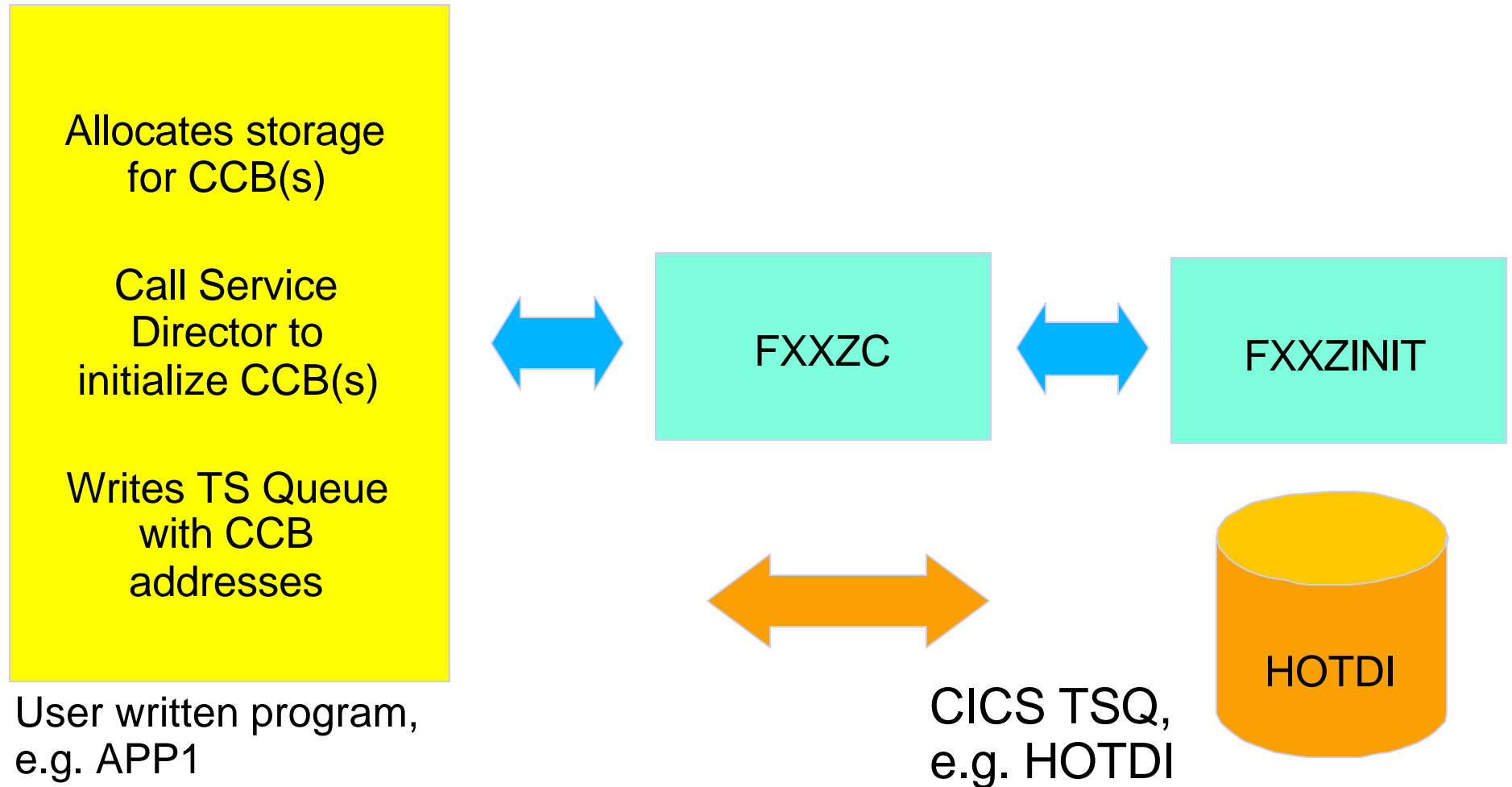
# Appendix A

## "Hot DI" Flow Example



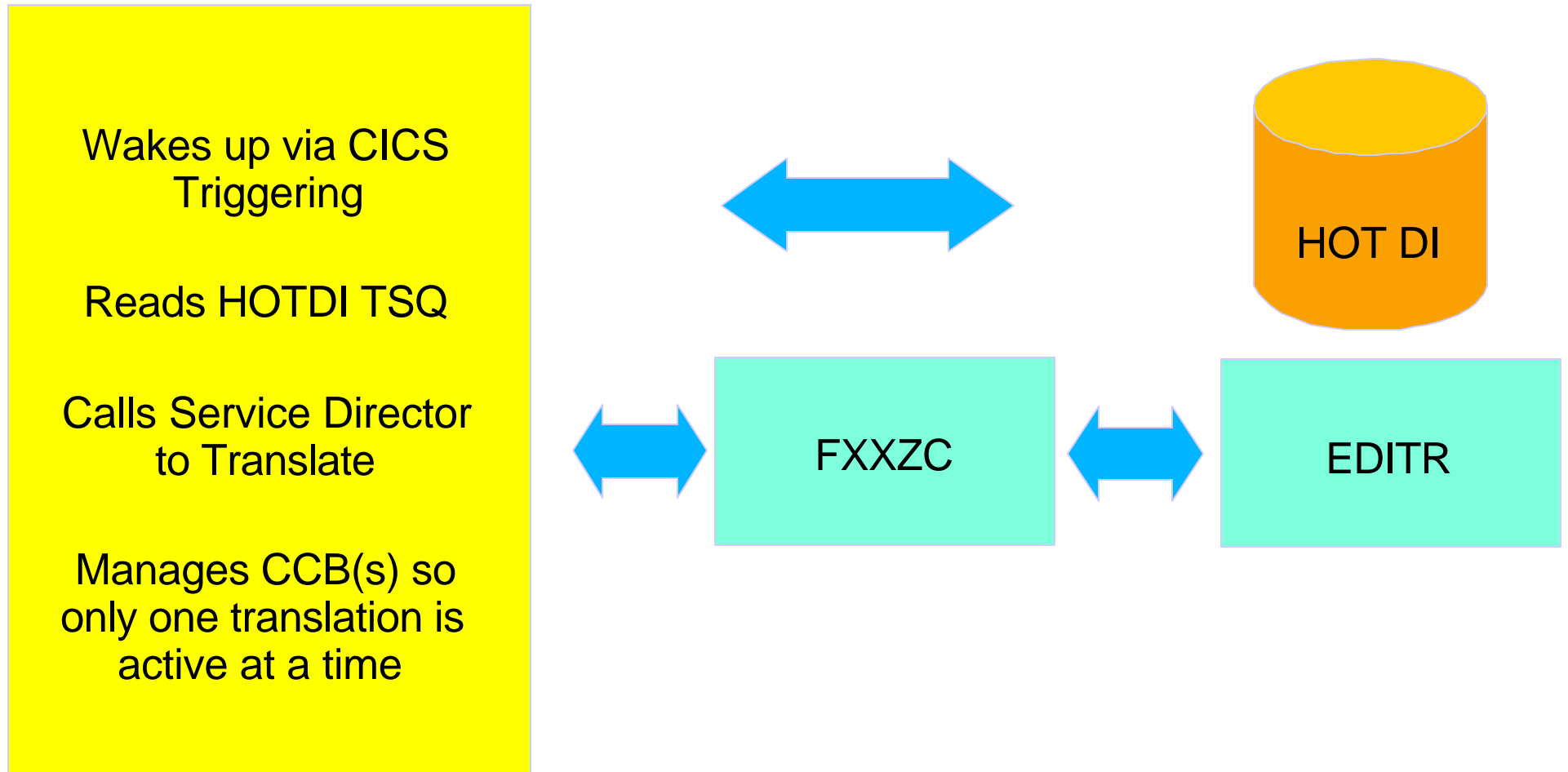


# "Hot DI" Example





# "Hot DI" Example



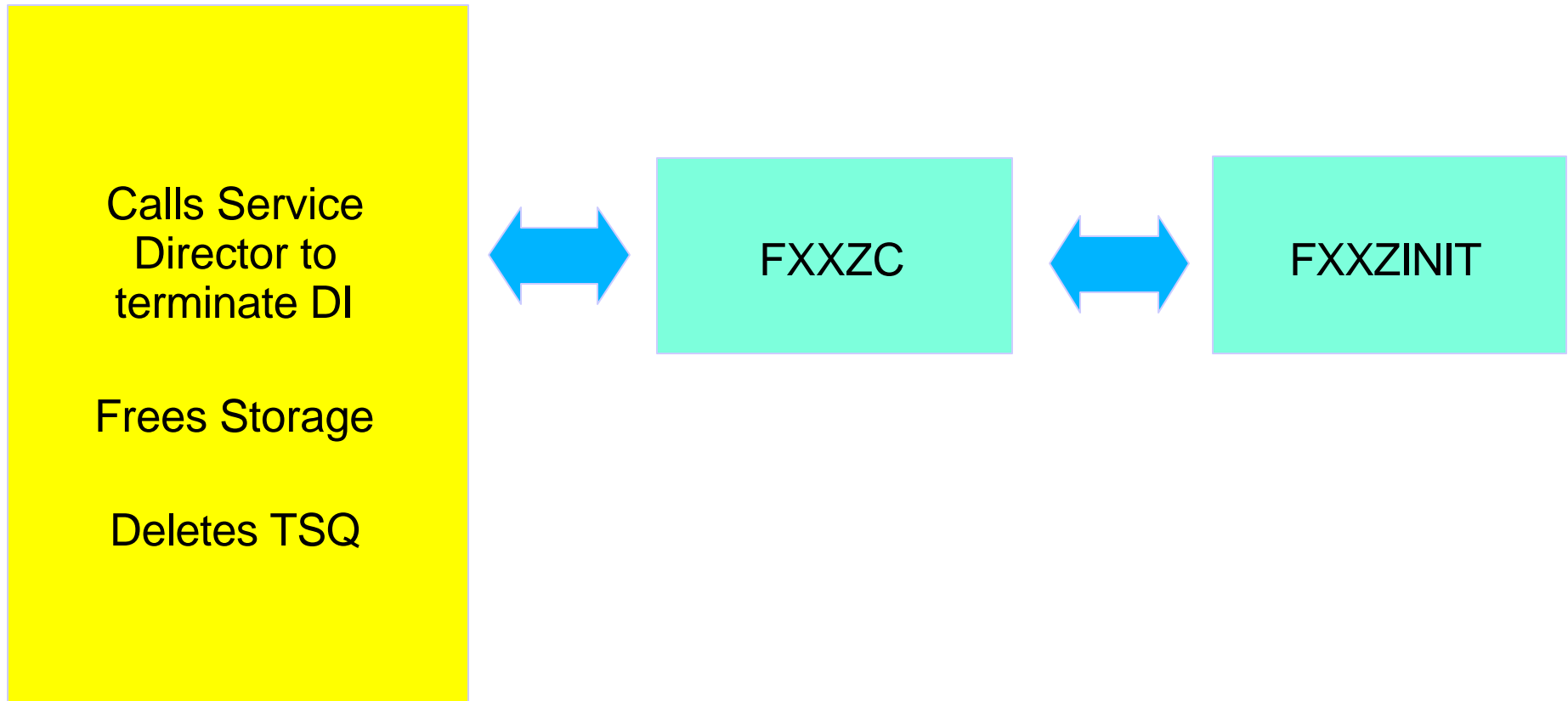
User written program,  
e.g. APP2







# "Hot DI" Example

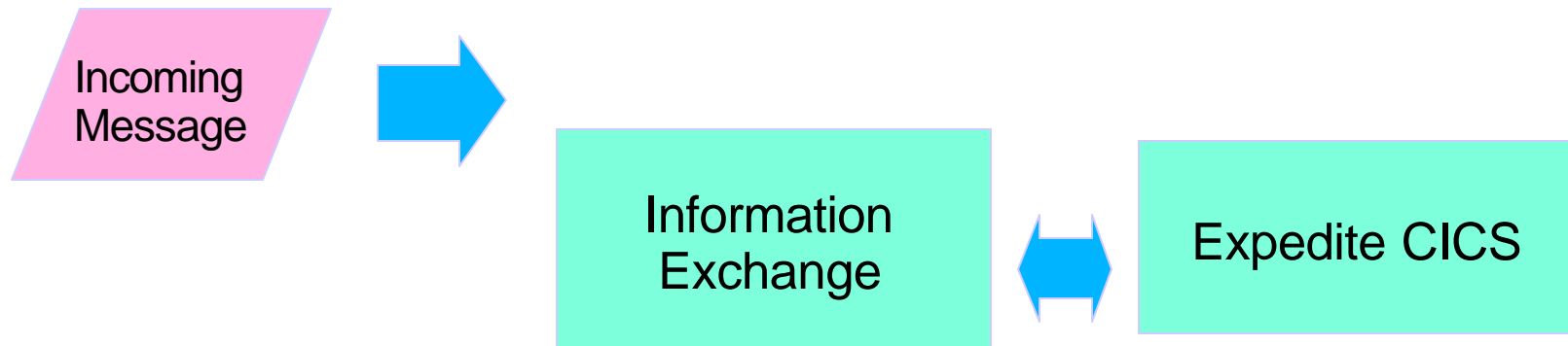


User written program,  
e.g. APP3



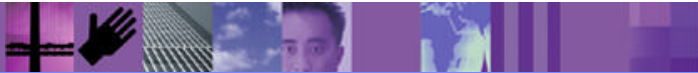
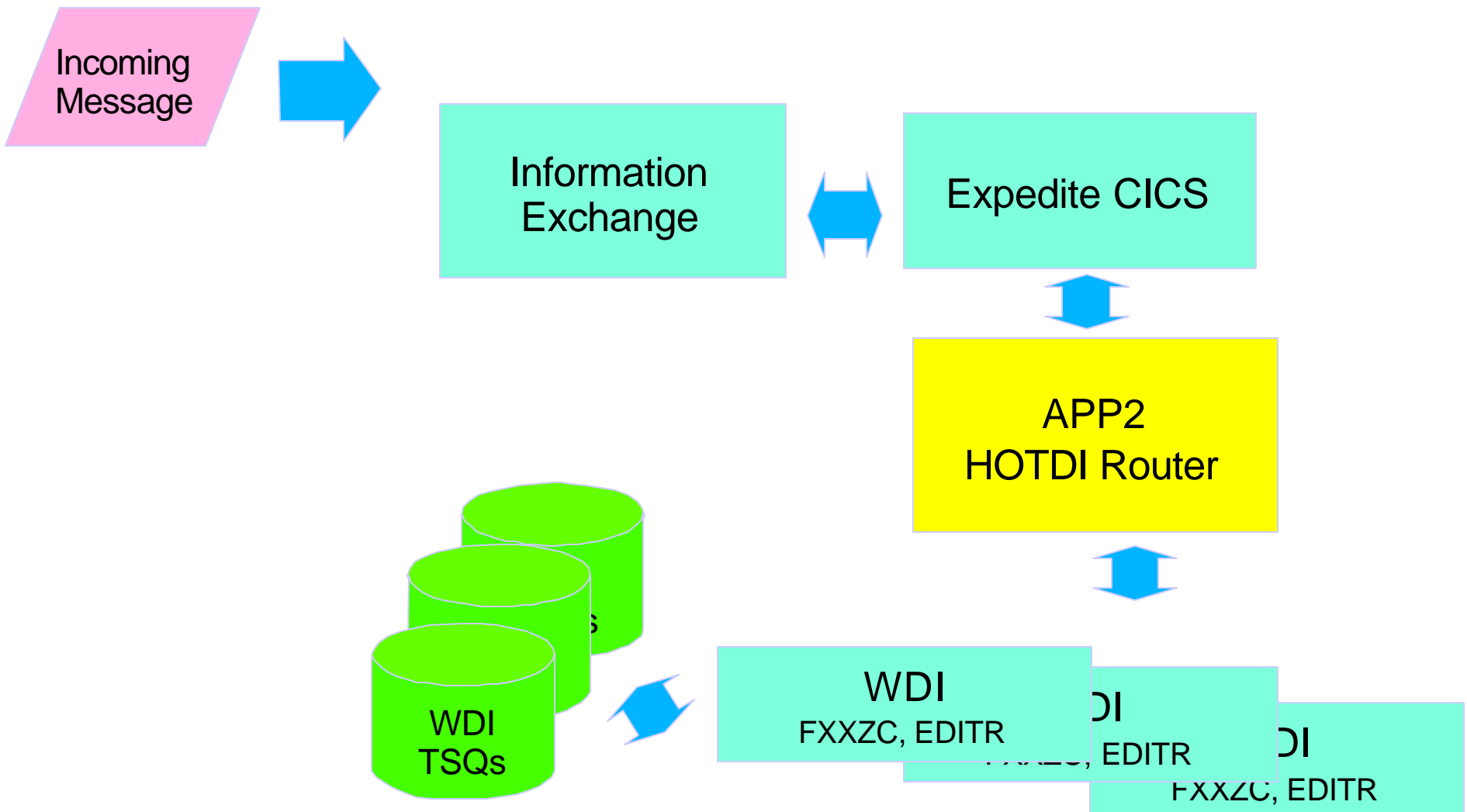


# "Hot DI" Example, incoming



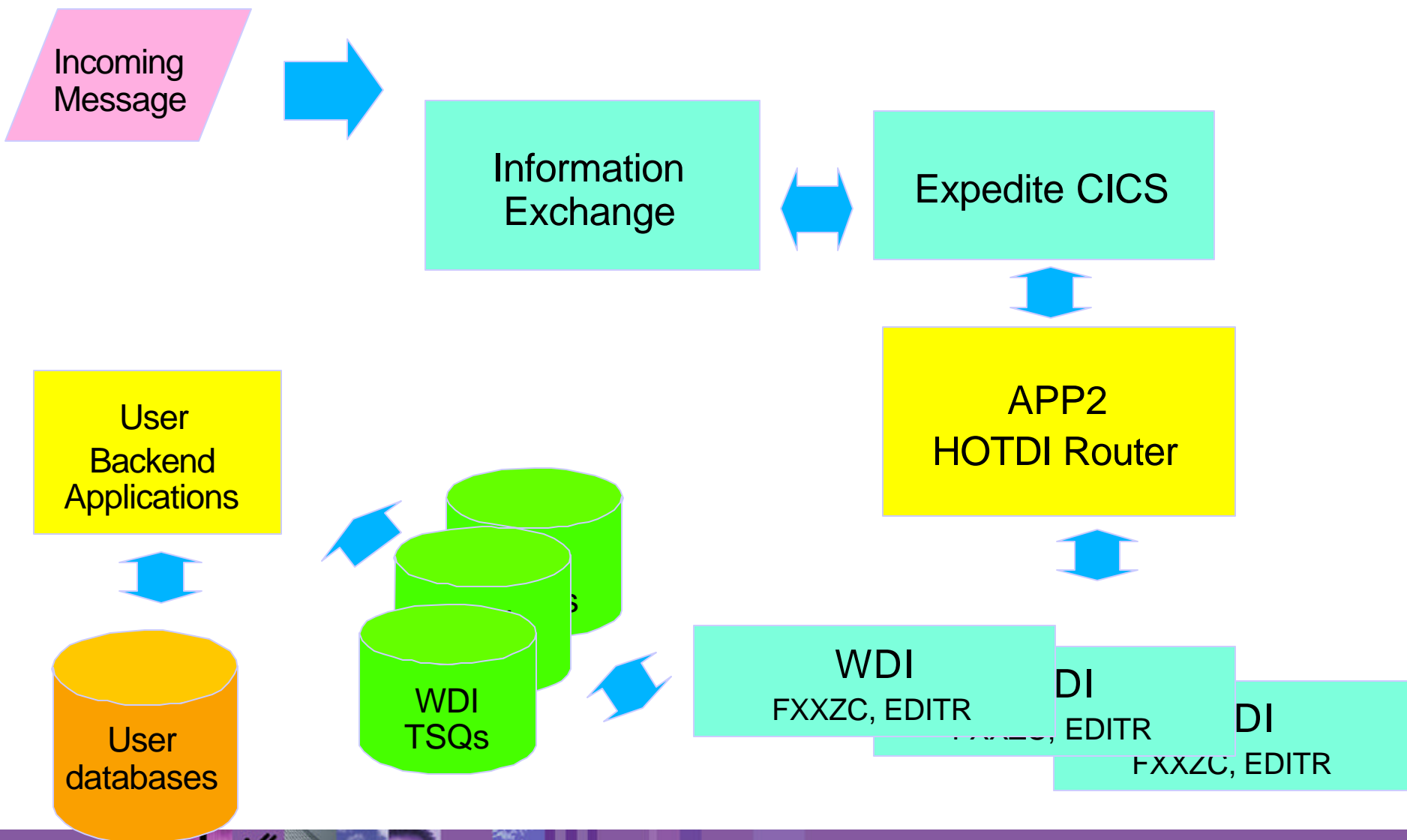


# "Hot DI" Example, incoming





# "Hot DI" Example, incoming





# "Hot DI" Example, outgoing

User  
Backend  
Applications

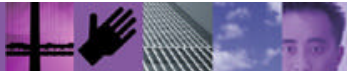
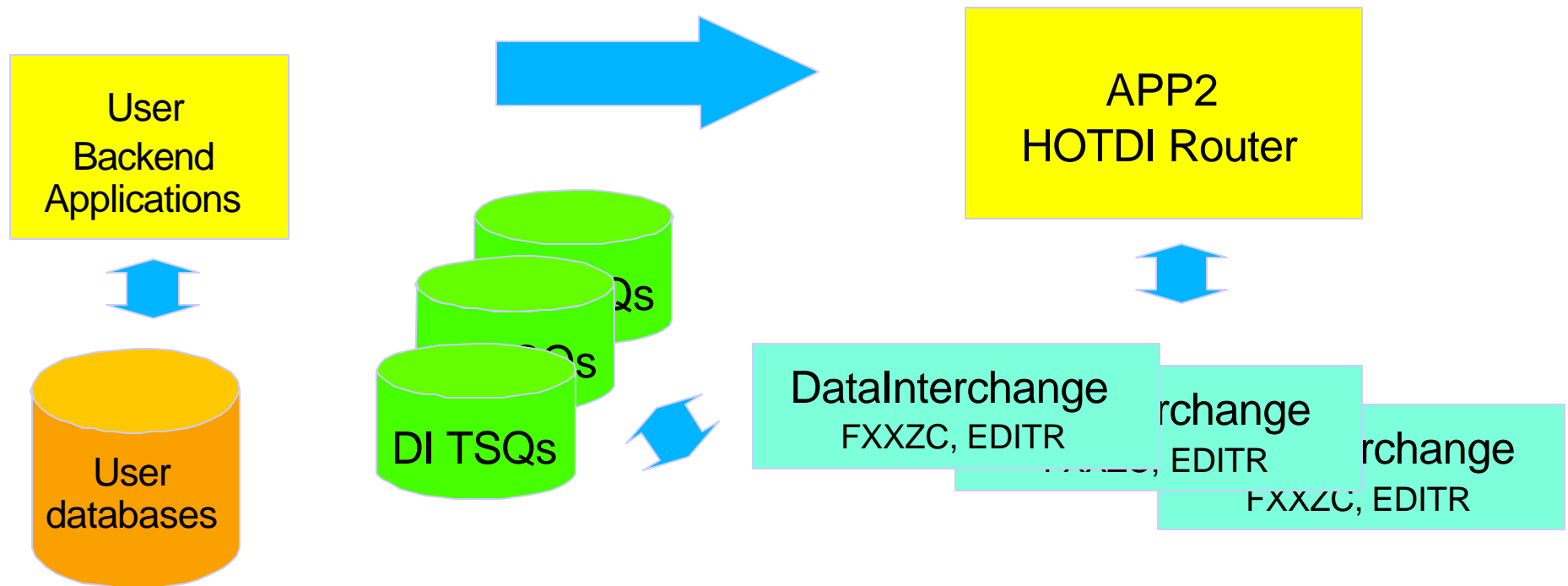


User  
databases



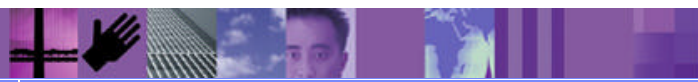
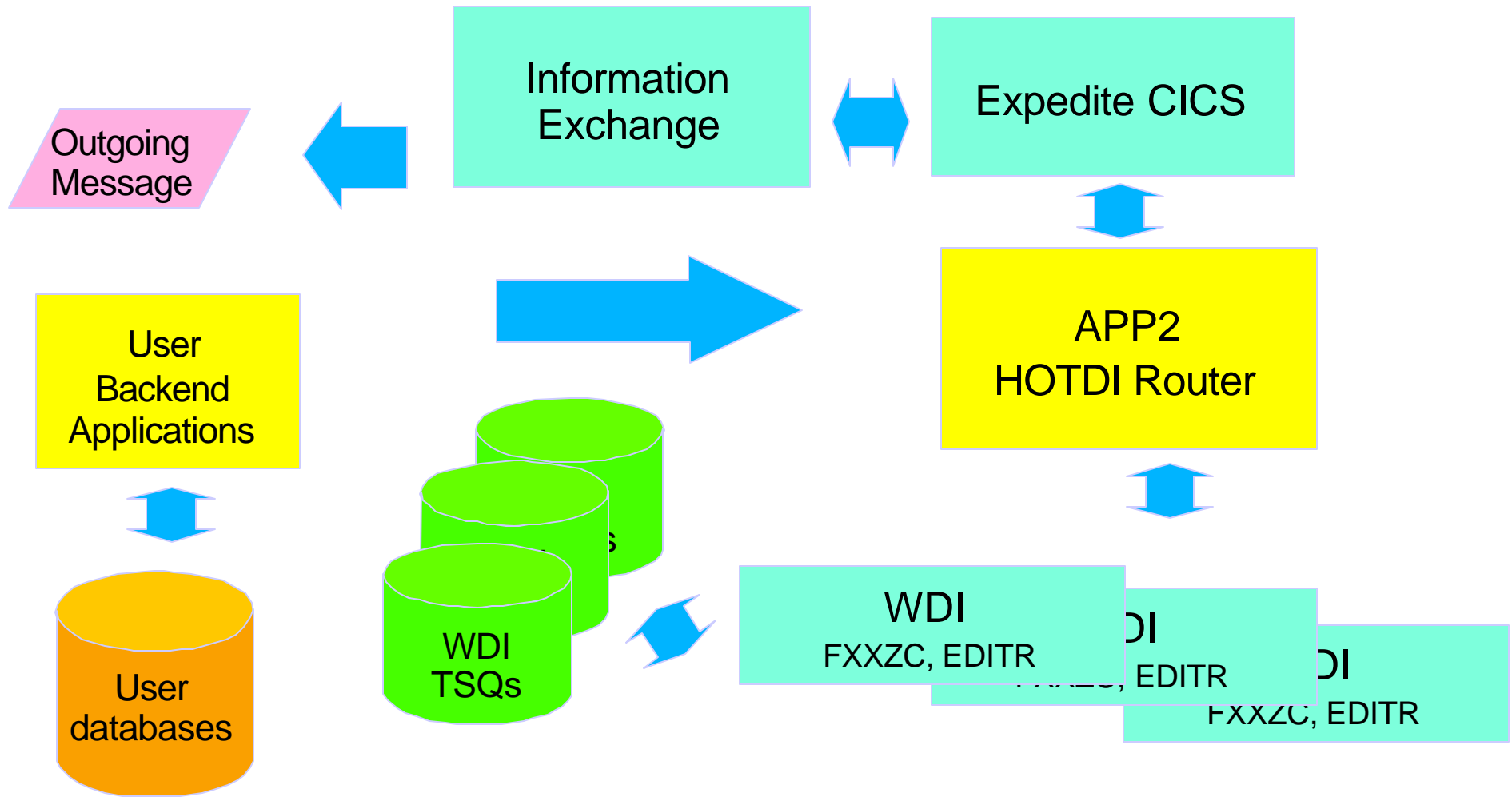


# "Hot DI" Example, outgoing



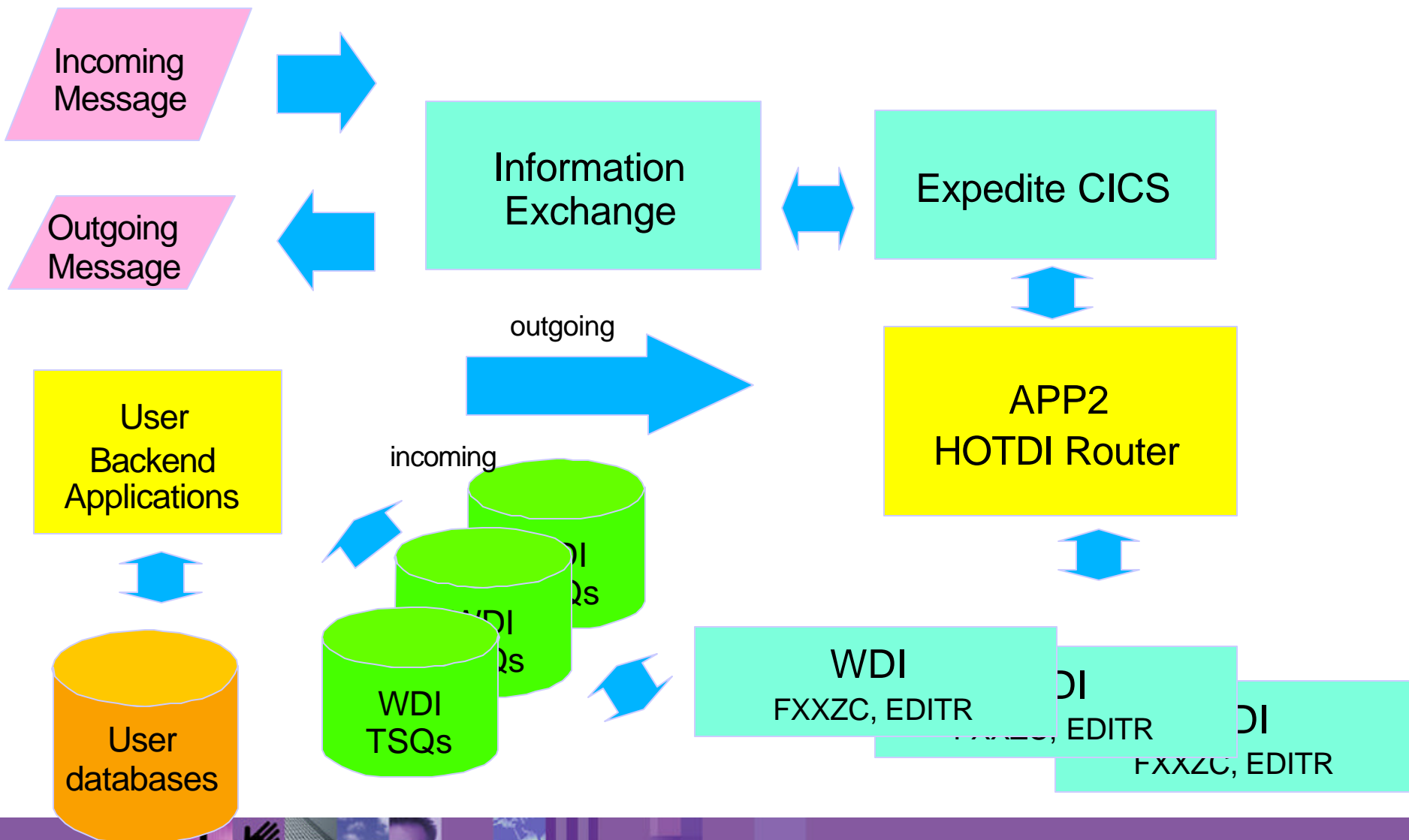


# "Hot DI" Example, outgoing





# "Hot DI" Example

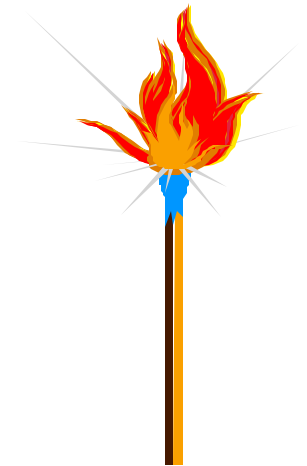






# "HOT DI"

- Requires CICS
- Uses API calls
- Benefits
  - ▶ Enhances CICS implementations
  - ▶ Eliminates redundant internal processes
    - Initialization
    - Termination
  - ▶ Enhances Concurrent / Multi-Processes
  - ▶ Resultant Sub-Second Translation





# WDI - EDI Server Program

