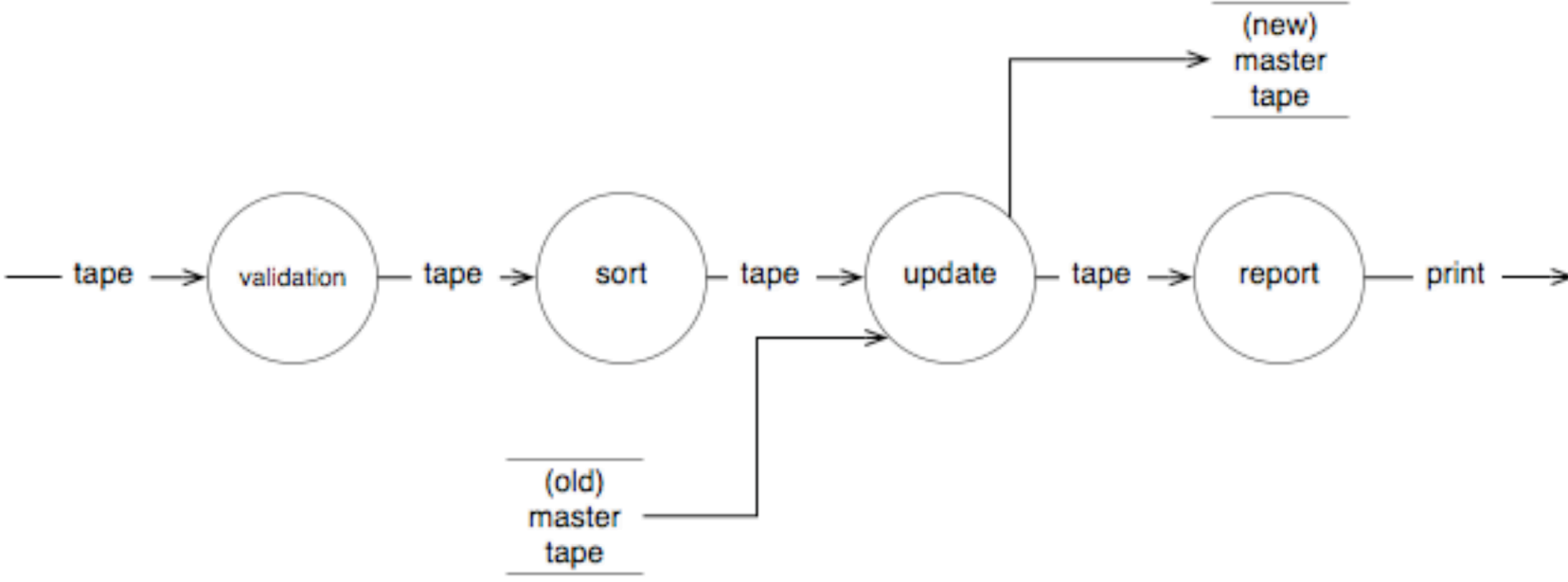


5

# Software Architectures: Shared Information Systems

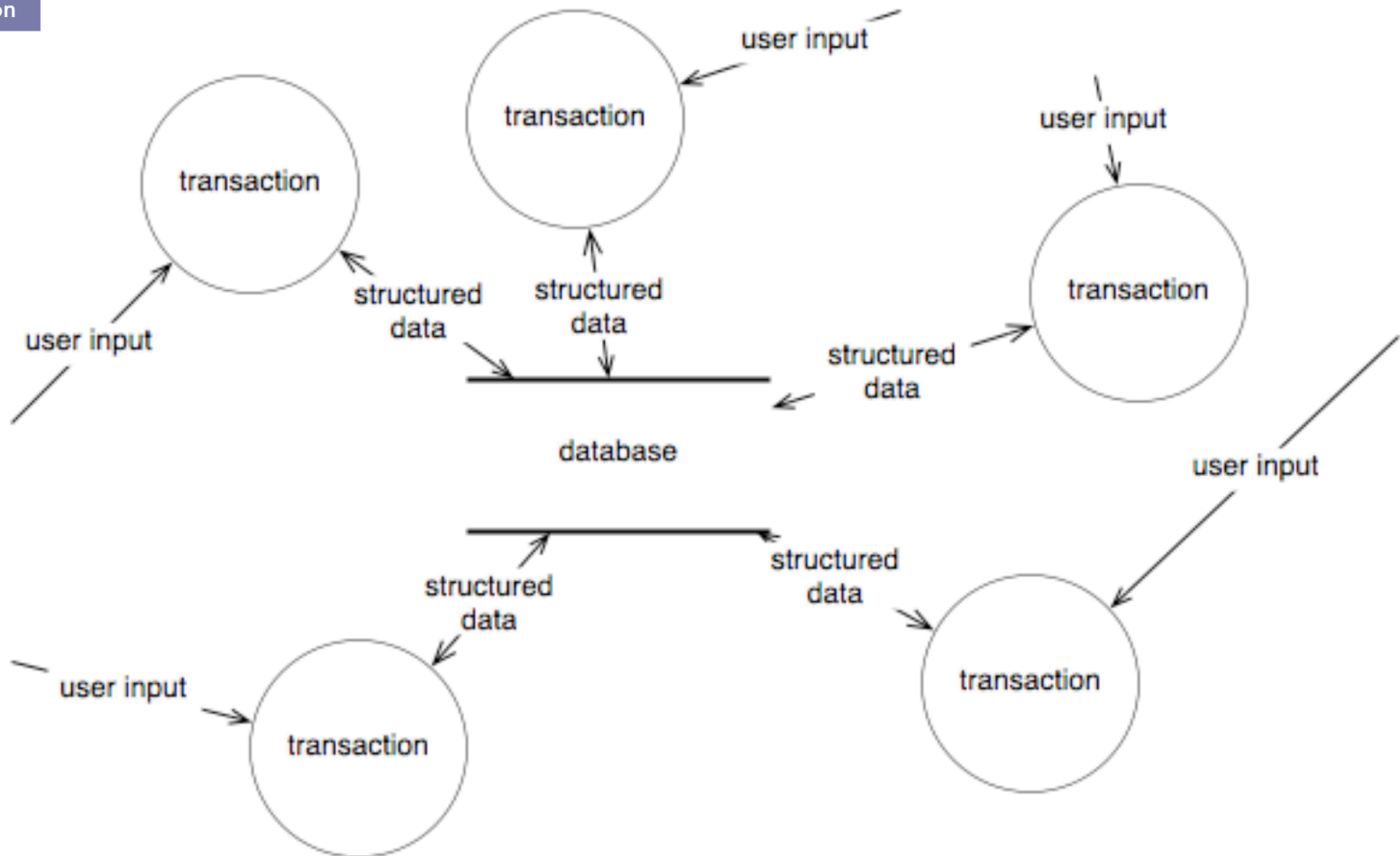
# Typical Data Flow Architecture for Shared Information

exchange  
examples  
evolution



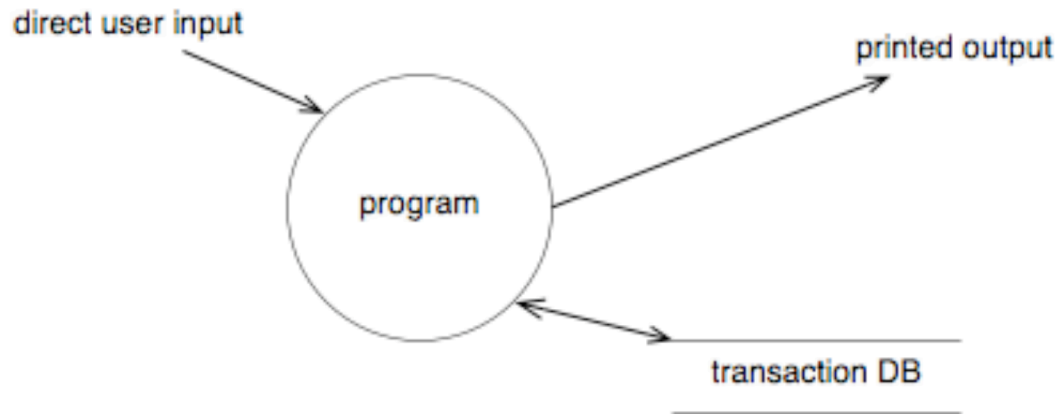
# Simple Repository Architecture for Shared Information

exchange  
examples  
evolution



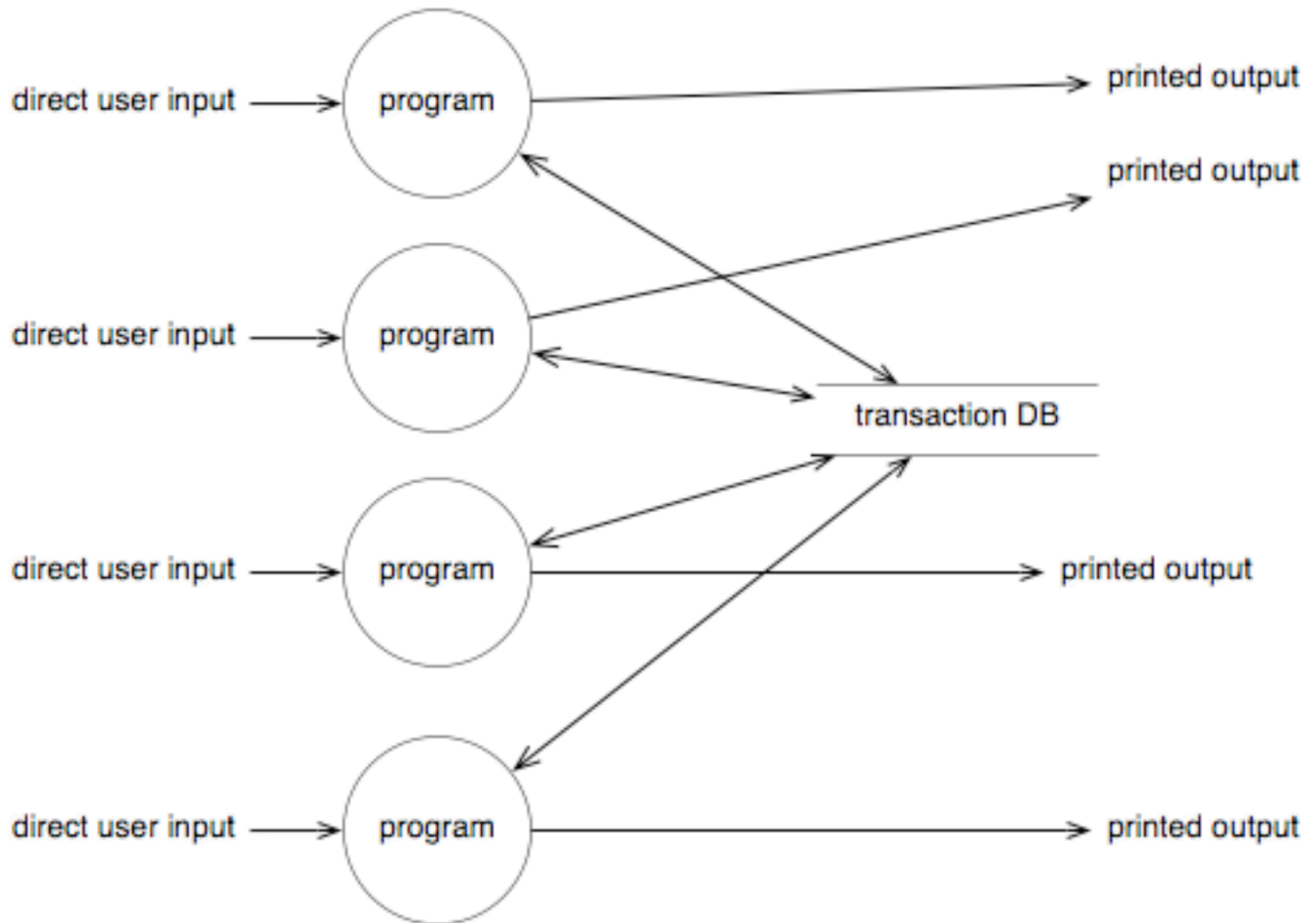
# Isolated Program

exchange  
examples  
evolution



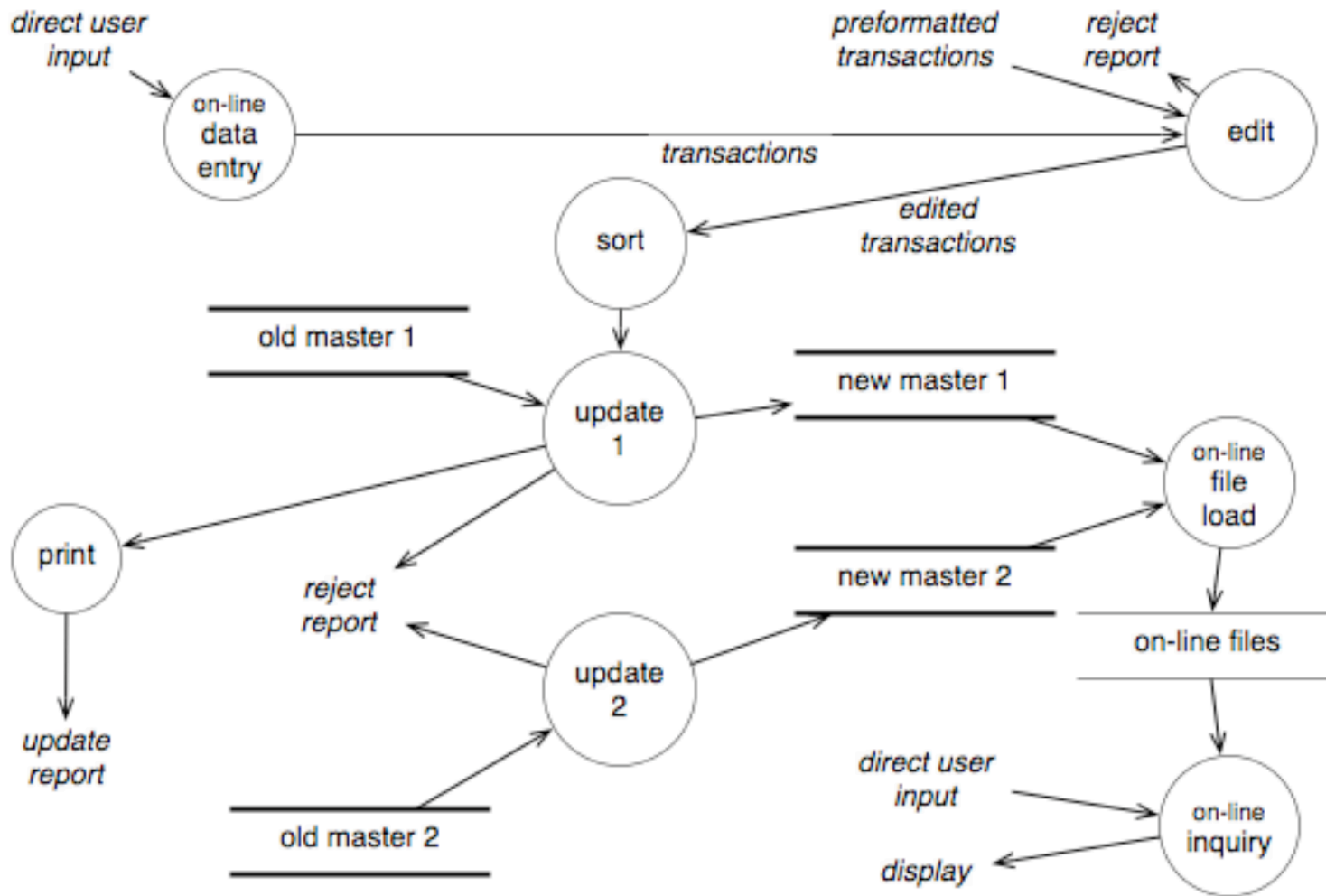
# Many Isolated Programs

exchange  
examples  
evolution



# Batch Sequential Information System

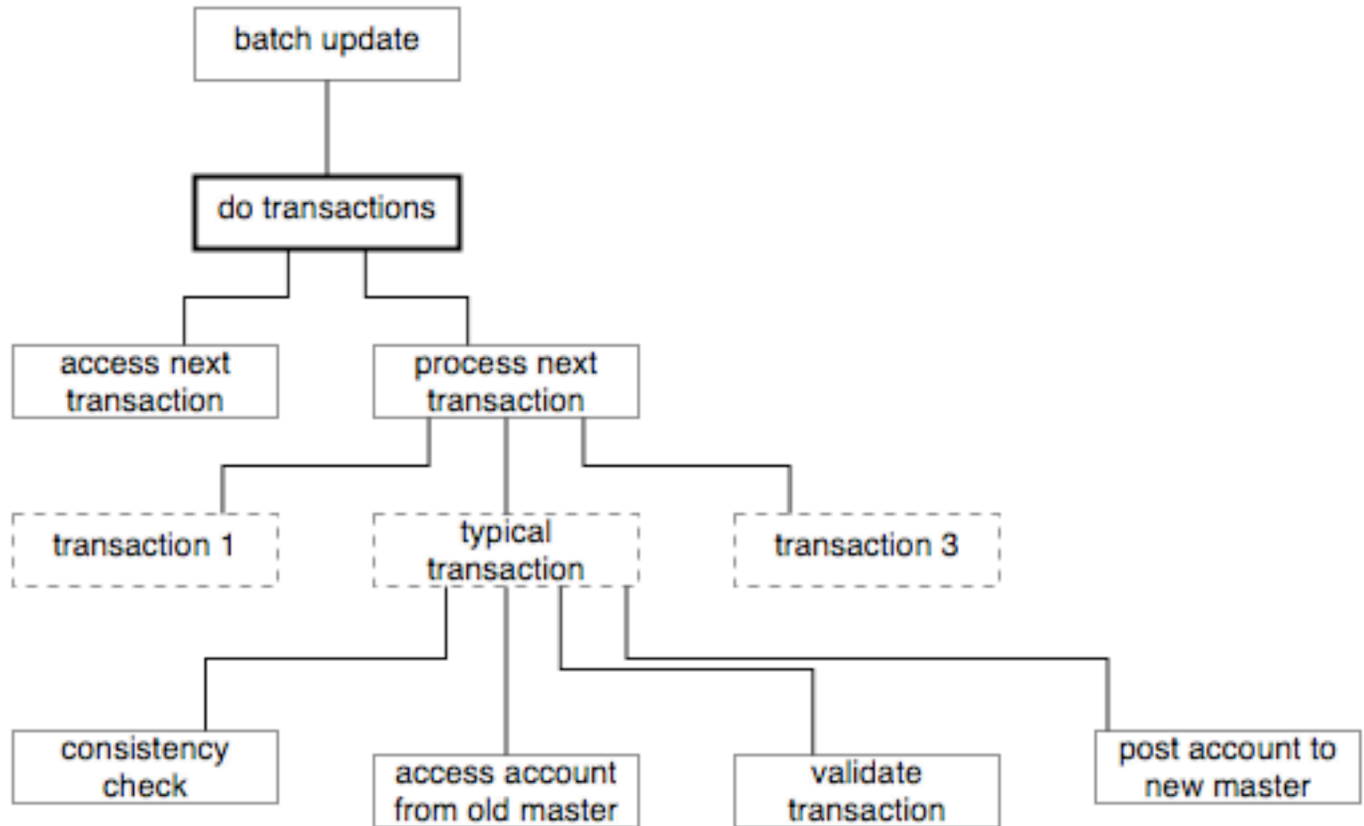
exchange  
examples  
evolution



[after Best 1990]

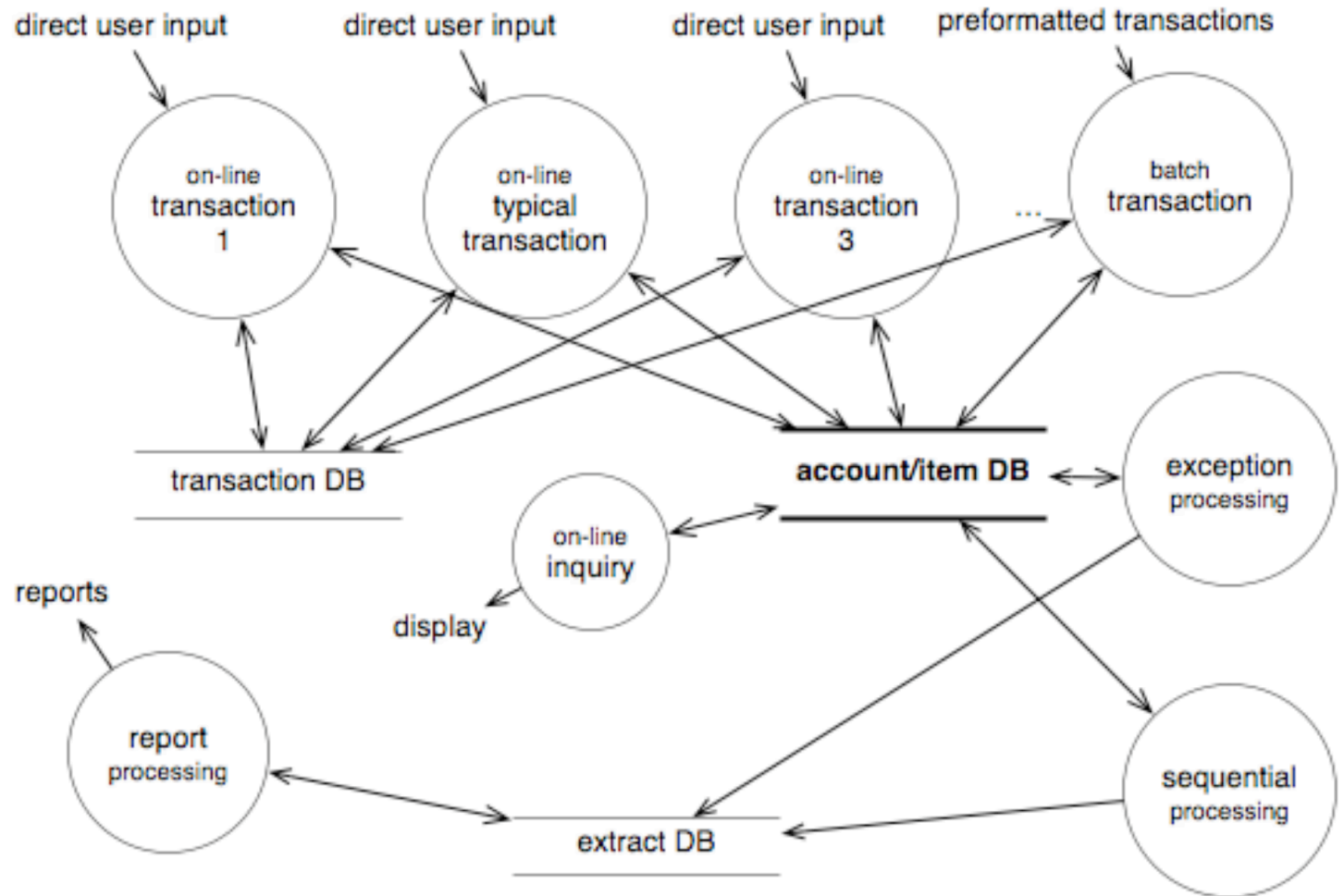
# Batch Update Program Structure

exchange  
examples  
evolution



# Dataflow Diagram for Interactive Information System

exchange  
examples  
evolution



[after Best 1990]



# Dataflow for Federated Multidatabase Information System

exchange  
examples  
evolution

