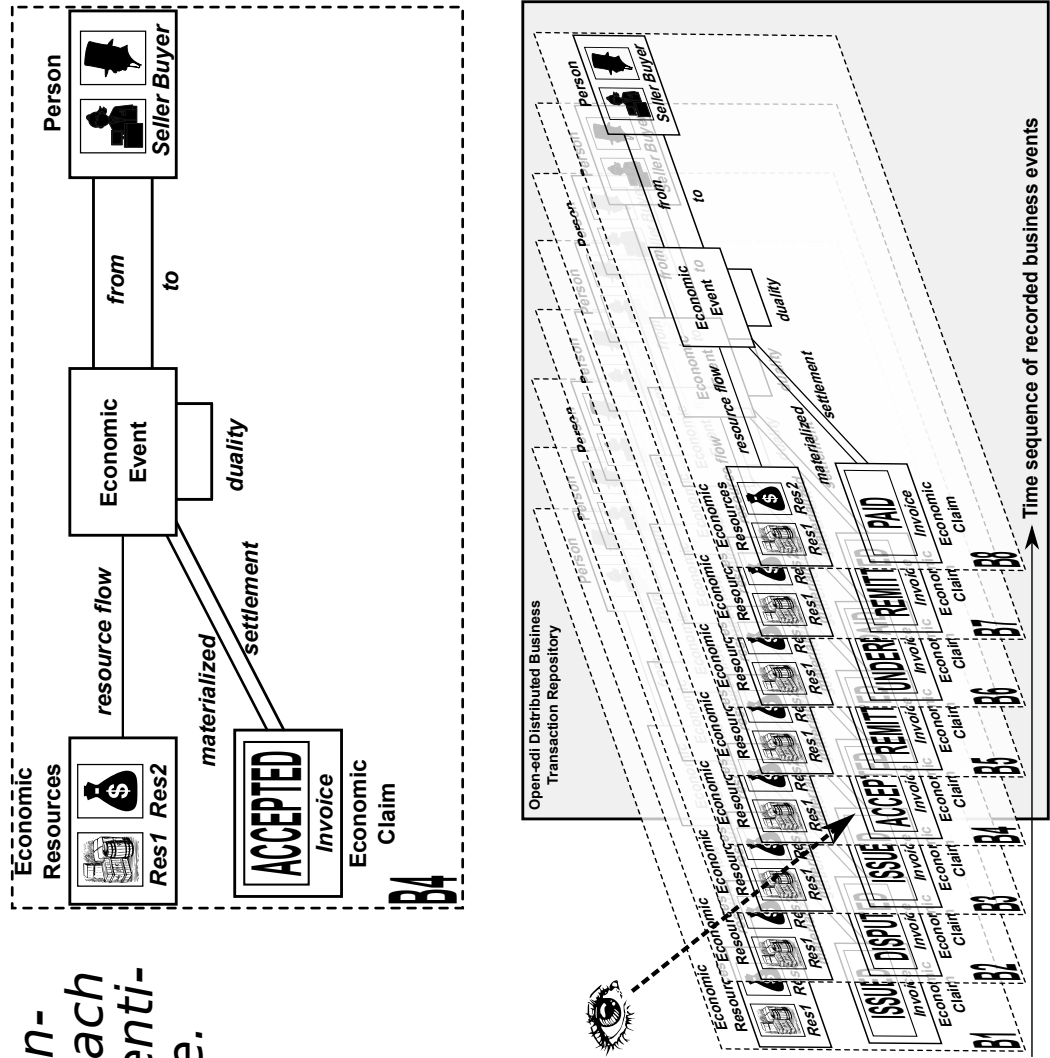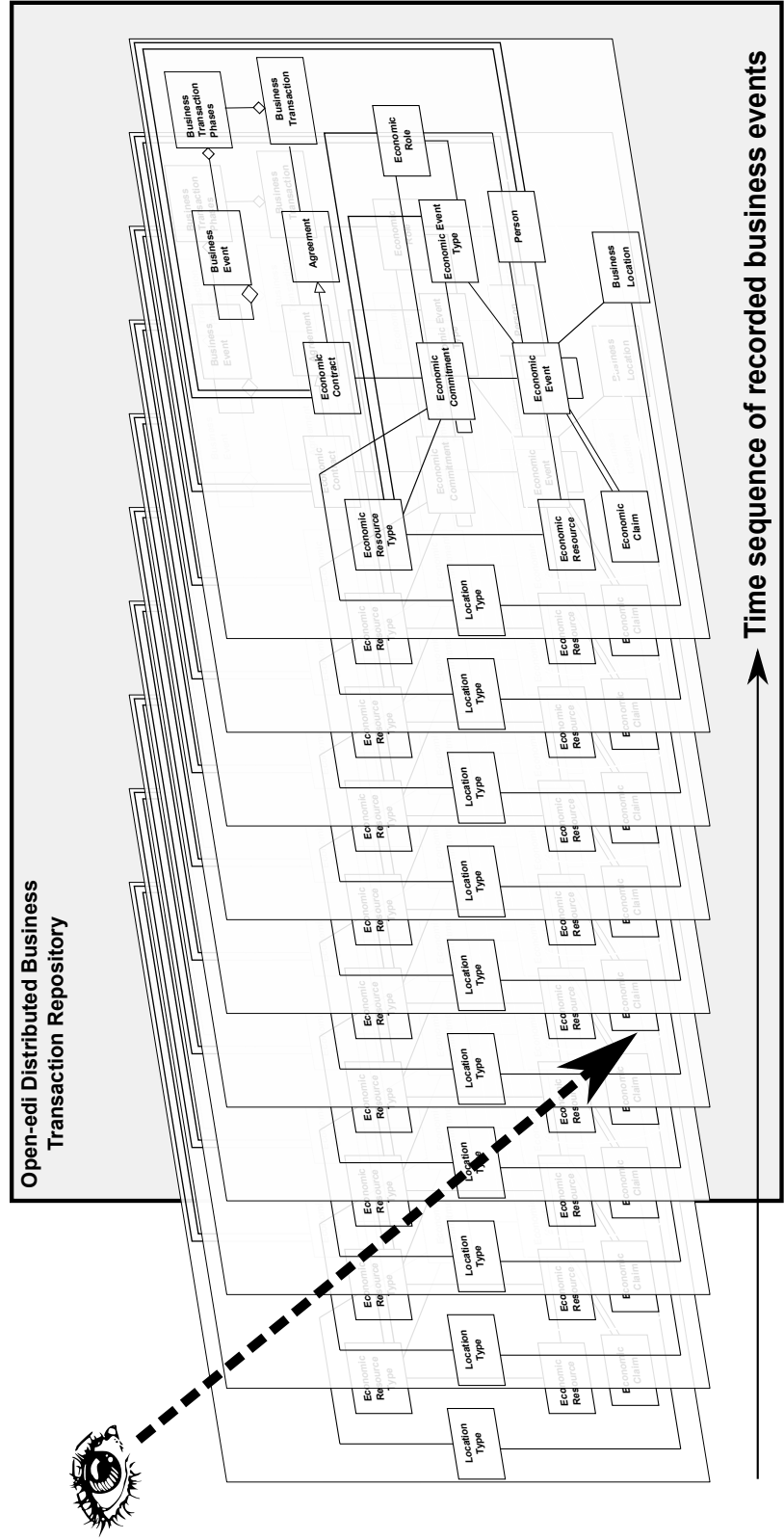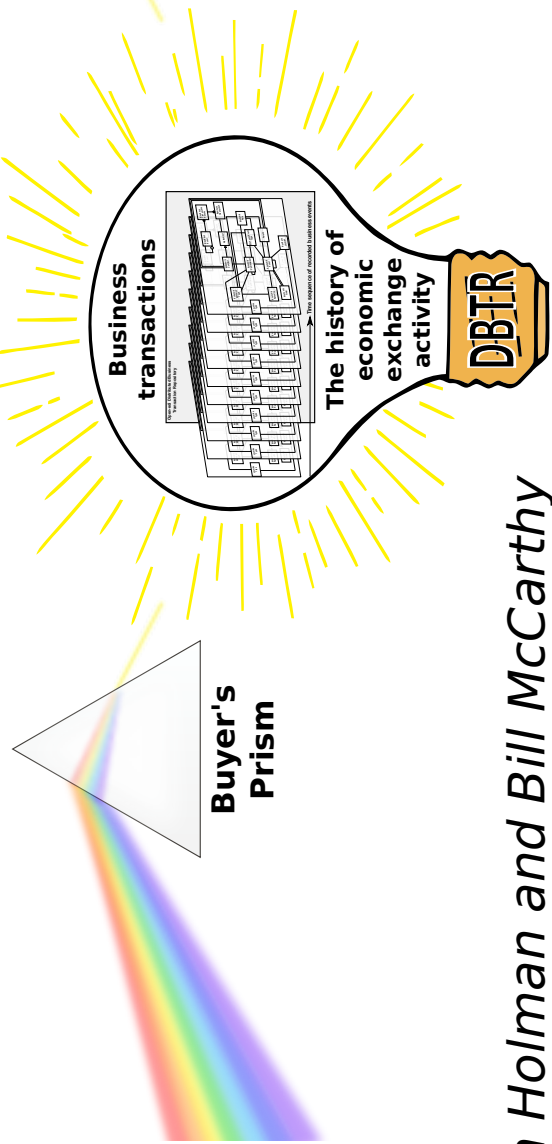*A minimum OeDBTR tracks a single business entity during the entire transaction. A more complete OeDBTR tracks multiple business entities as each single business event triggers a change in state in some or all of those entities at a moment in time sequence. This history of changes is immutable.*

The OeDBTR is the single source of truth for the information regarding entire business transactions. Traditionally-maintained artefacts such as journals and ledgers now are trading partner views created dynamically as a projection of the information found in the immutable data store. Two trading partners should not maintain their own information separately, as different systems may introduce inconsistencies or influences on the data being reported. Each trading partner extracts information from the OeDBTR as if it is light seen through different prisms.

Person

Seller Buyer

Economic Event

from / to

Economic Resources

Res1 Res2

resource flow

duality

materialized

settlement

ACCEPTED
Invoice
Economic Claim

B4

Open-edi Distributed Business Transaction Repository

Economic Resources — Res1 Res2

Invoice — Economic Claim

ISSUE B1 / DISPUT B2 / ISSUE B3 / ACCEPTED B4 / REMIT B5 / UNDER B6 / REMIT B7 / PAID B8

Time sequence of recorded business events

Open-edi Distributed Business Transaction Repository

Business Transaction Phases / Business Transaction

Business Event / Agreement / Economic Role

Economic Contract / Economic Commitment / Economic Event Type / Person

Economic Resource Type / Location Type / Economic Resource / Economic Claim / Business Location

Time sequence of recorded business events

Business transactions

The history of economic exchange activity

DBTR

Buyer's Prism

Seller's Prism

Purchases		Cash	
Debit			Credit
Debit			Credit

Buyer's Journal

Debit			
		Credit	
Debit			
		Credit	

Date			
Date			
Date			
Date			

Sales		Cash	
	Credit	Debit	
	Credit	Debit	

Seller's Journal

	Credit	Debit	
	Credit	Debit	

Date			
Date			
Date			
Date			