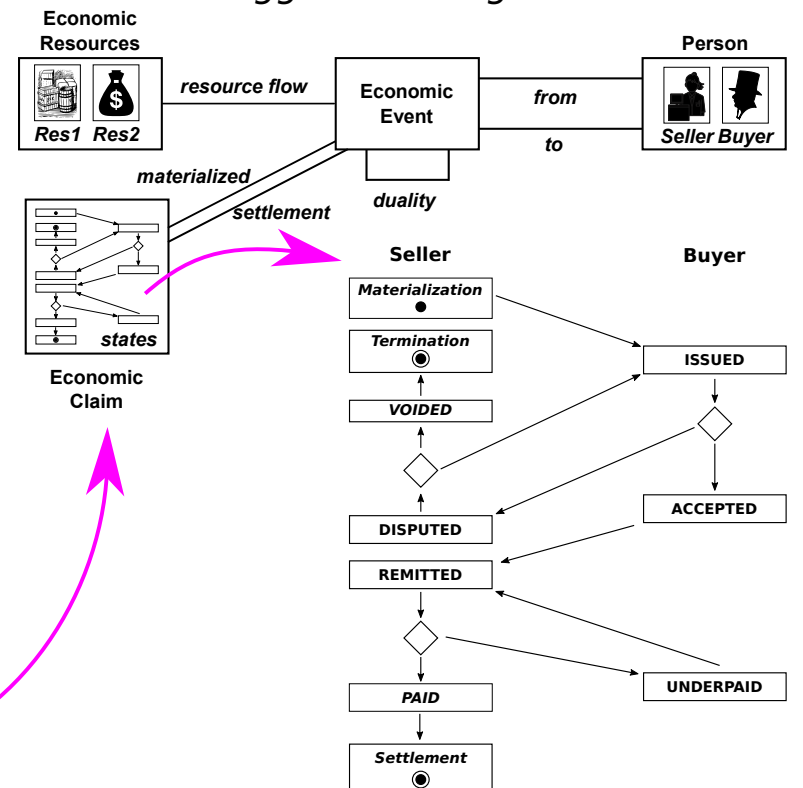
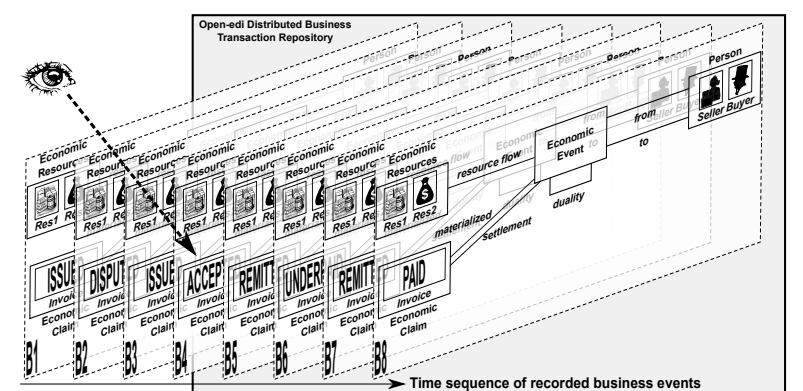


Edited by Bill McCarthy (MSU) and G. Ken Holman

Each of the business entities of the ontology has a state machine that progresses through different state values in response to business event stimuli triggered during the transaction.



The diagram illustrates the process flow of an Economic Event. It is enclosed in a dashed rectangular border. At the top left, a box labeled "Economic Resources" contains two sub-boxes: "Res1" with a stack of coins icon and "Res2" with a money bag icon. A horizontal arrow labeled "resource flow" points from this box to a central box labeled "Economic Event". Below the "Economic Event" box is a small, empty rectangular box. A horizontal arrow labeled "from" points from the "Economic Event" box to a box on the right labeled "Person". This "Person" box contains two sub-boxes: "Seller" with a person silhouette icon and "Buyer" with a person silhouette icon. A horizontal arrow labeled "to" points from the "Economic Event" box to the "Person" box. From the bottom left of the "Economic Event" box, two parallel diagonal arrows point down to a box labeled "ACCEPTED Invoice". The top arrow is labeled "materialized" and the bottom arrow is labeled "settlement". Below the "ACCEPTED Invoice" box is a box labeled "Economic Claim". A vertical double-headed arrow labeled "duality" connects the "Economic Event" box and the "ACCEPTED Invoice" box. In the bottom left corner, outside the dashed border, is the text "B4".



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.

