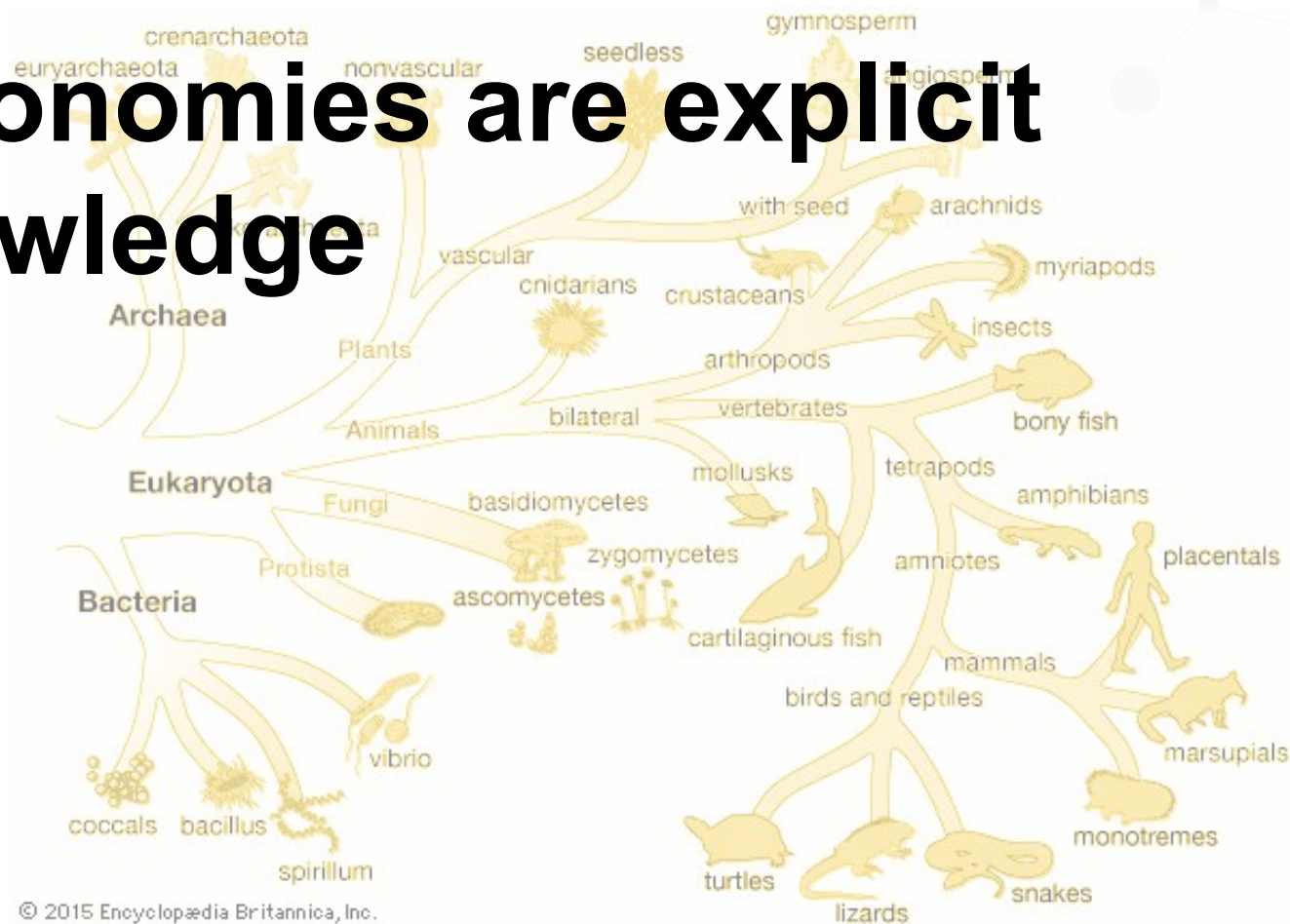


Going Meta #14: Taxonomy Reconciliation

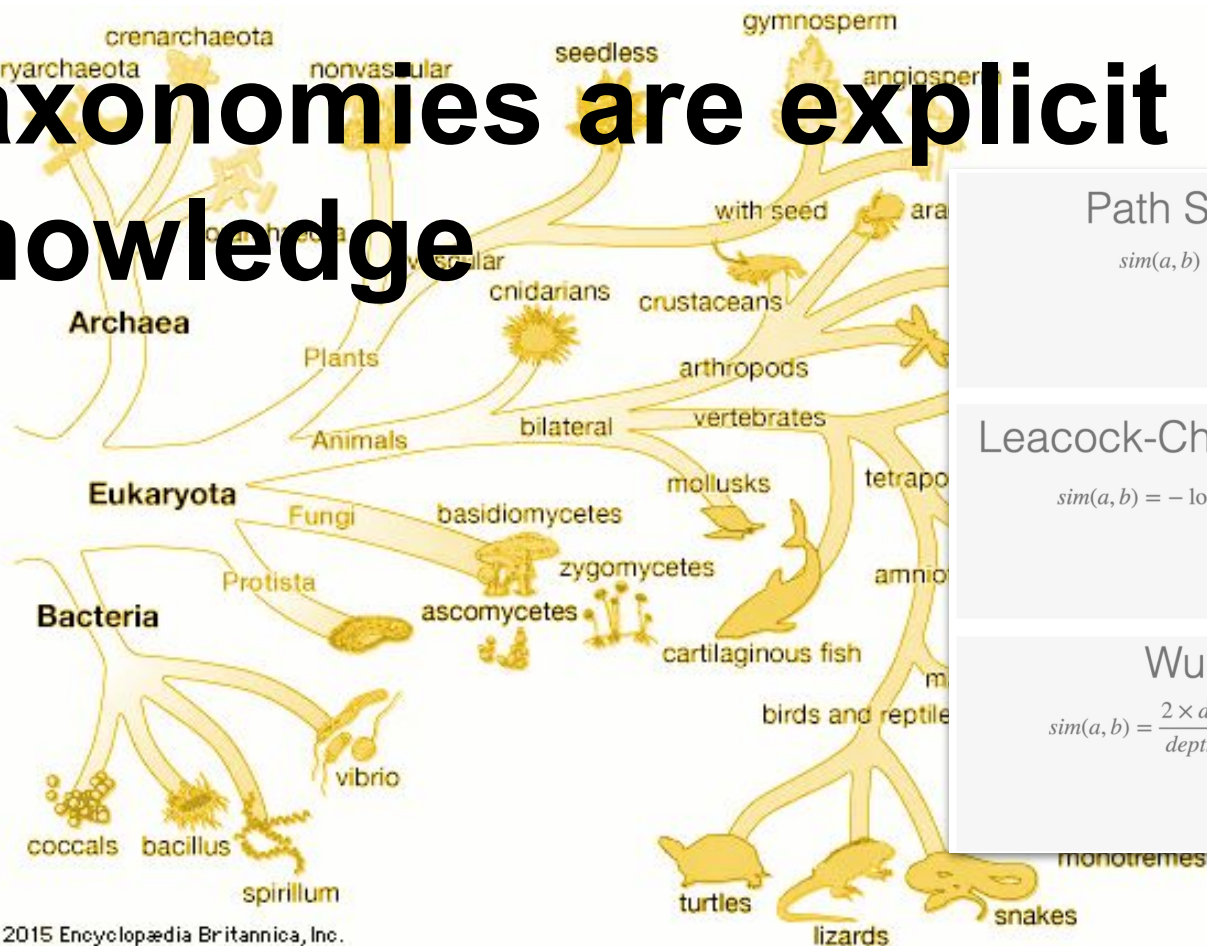


Taxonomies are explicit knowledge



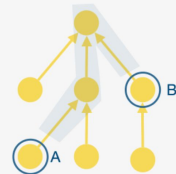
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Taxonomies are explicit knowledge



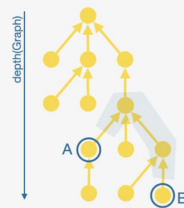
Path Similarity

$$sim(a, b) = \frac{1}{1 + dist(a, b)}$$



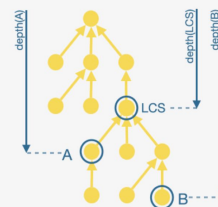
Leacock-Chodorow

$$sim(a, b) = -\log \frac{dist(a, b)}{2 \times Depth(T)}$$

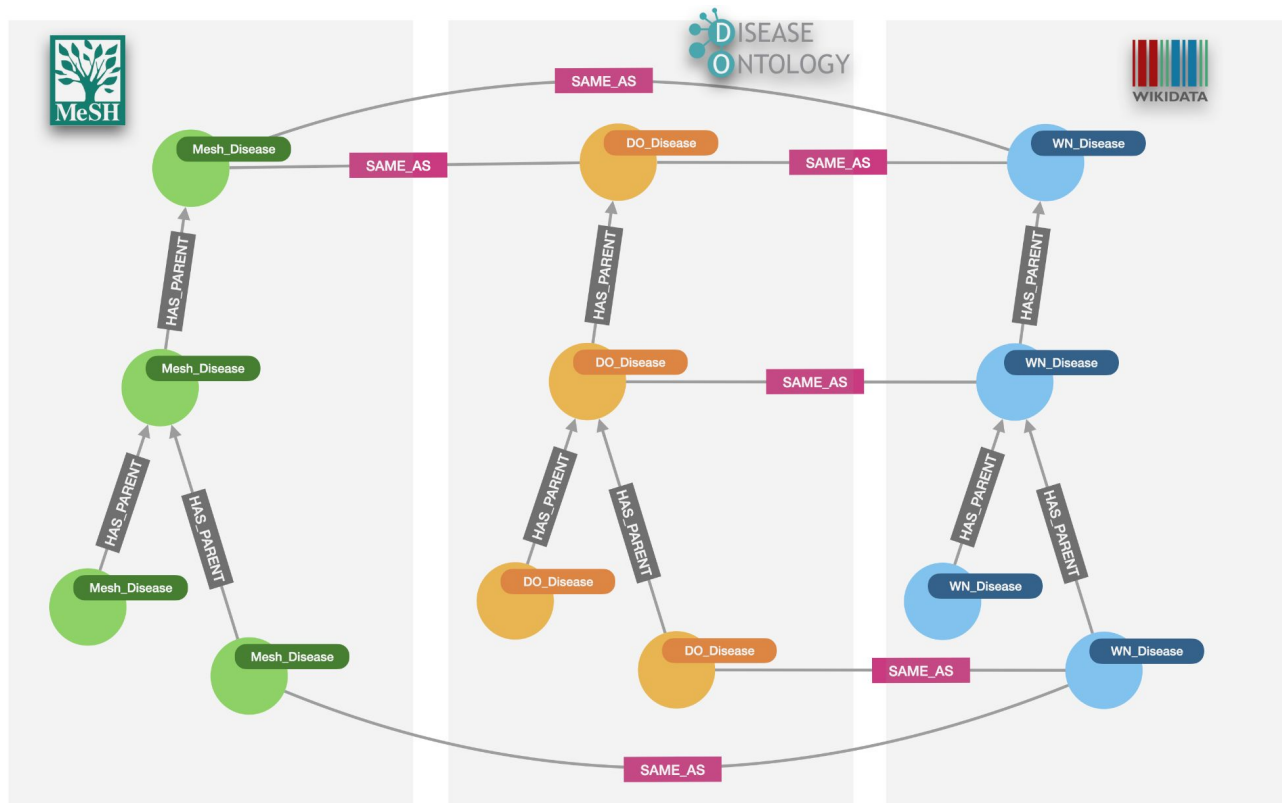


Wu-Palmer

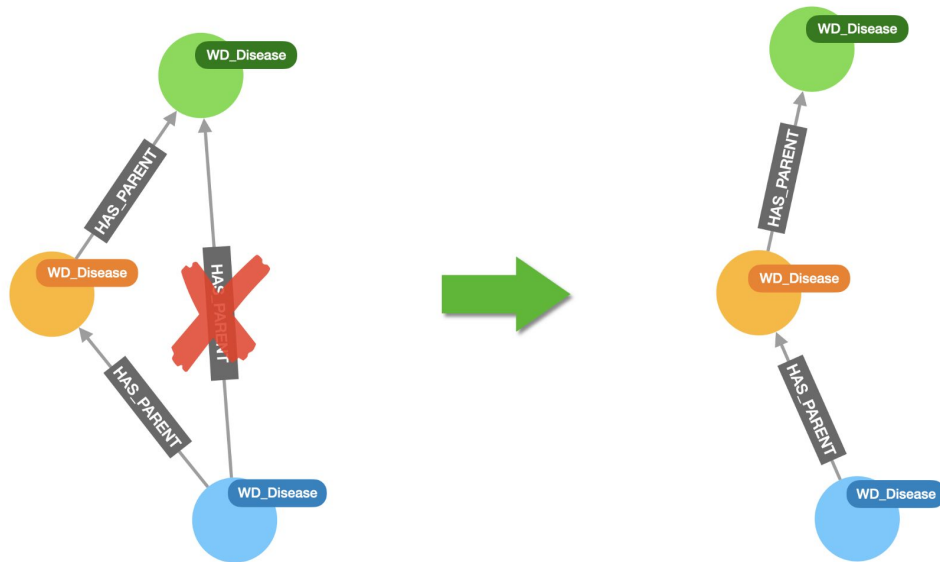
$$sim(a, b) = \frac{2 \times depth(LCS(a, b))}{depth(a) + depth(b)}$$



Our target graph (from public sources)



Removing shortcuts



Different granularities

