

# Node and Edge Tables (Including Attributes)

Node Type	Attributes
Work	doi, title, type, publication_date, cited_by_count, open_access, host_venue_id
Concept	display_name, level, display_name, wikidata, works_count
Author	orcid, display_name,
Institution	ror, display_name, country_code
Publisher	display_name, hierarchy_level,
Source	issn_l, issn, display_name,
Topic	display_name, field, subfield
Inventor	name
Patent	Number? Date? (unsure with the db)
Classification	Name, field/subfield
Person	name

Edge Type	Node Type 1	Node Type 2	bidirectional	Attributes
Co-authors	Author	Author	Yes	
Authored	Author	Work	No	position
Affiliated_with	Author	Institution	No	
Discussed	Work	Concept	No	score
Cited	Work/Patent	Work/Patent	No	count
Tagged	Work	Topic	No	score
Published_in	Source	Work	No	volume
Parented	Publisher	Publisher	No	
Published_by	Source	Publisher	No	
Associated	Institution	Institution	Yes	relationship
Assigned_to	Patent	Institution	No	
Classified_by	Patent	Classification	No	
Maps_to	Topic/Concept	Classification	Yes	
Invented	Inventor	Patent	No	