

Rank

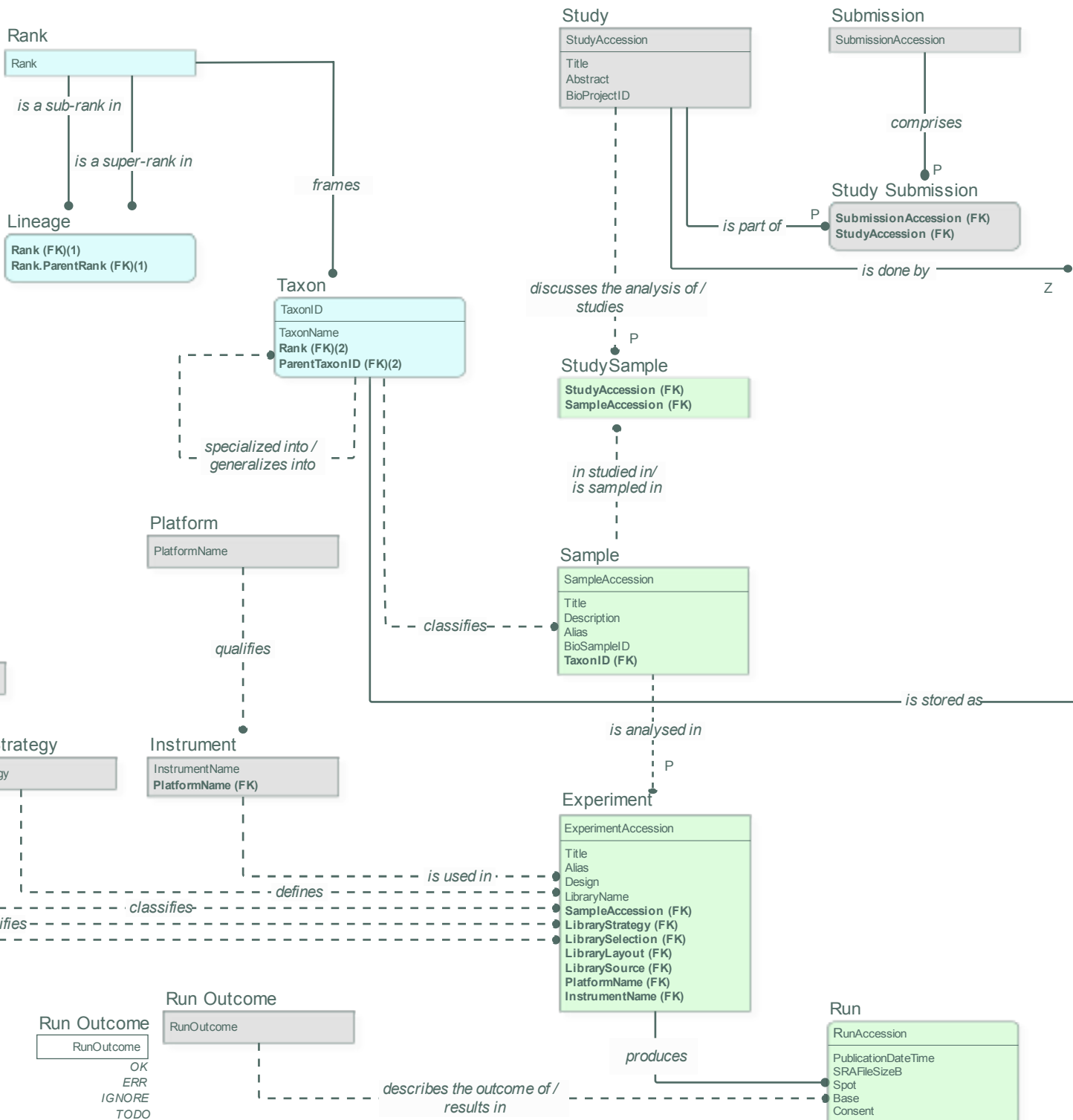
Rank
superkingdom
kingdom
phylum
class
order
family
genus
species

Rank Hierarchy

Rank	ParentRank
kingdom	superkingdom
phylum	kingdom
class	phylum
order	class
family	order
genus	family
species	genus

Taxon

TaxonName	Rank	TaxonID	ParentTaxonID
root	no rank	1	1
cellular organisms	no rank	131567	1
Bacteria	superkingdom	2	131567
Proteobacteria	phylum	1224	2
Gammaproteobacteria	class	1236	1224
Legionellales	order	118969	1236
Legionellaceae	family	444	118969
Legionella	genus	445	444
Legionella pneumophila	species	446	445



- Reference
- Taxonomy
- Analysis
- Result

- (1.1) The ranks 'clade' and 'no rank' are the only ones which can be in relation, as Rank or ParentRank, with any other rank.
- (1.2) Excluded 'clade' and 'no rank', the set of all ranks is a hierarchy: a rank can be ParentRank of a Rank only if the Rank is in a minor level.
- (1.3) Excluded 'clade' and 'no rank', only 'forma specialis' can be Rank and ParentRank of the same taxon.
- (2.1) Given a Taxon T, the pair <T.Rank, T.ParentTaxonID.Rank> must be present in the Lineage table, where T.ParentTaxon.Rank is the rank of the parent taxon of T, with taxonid T.ParentTaxonID.