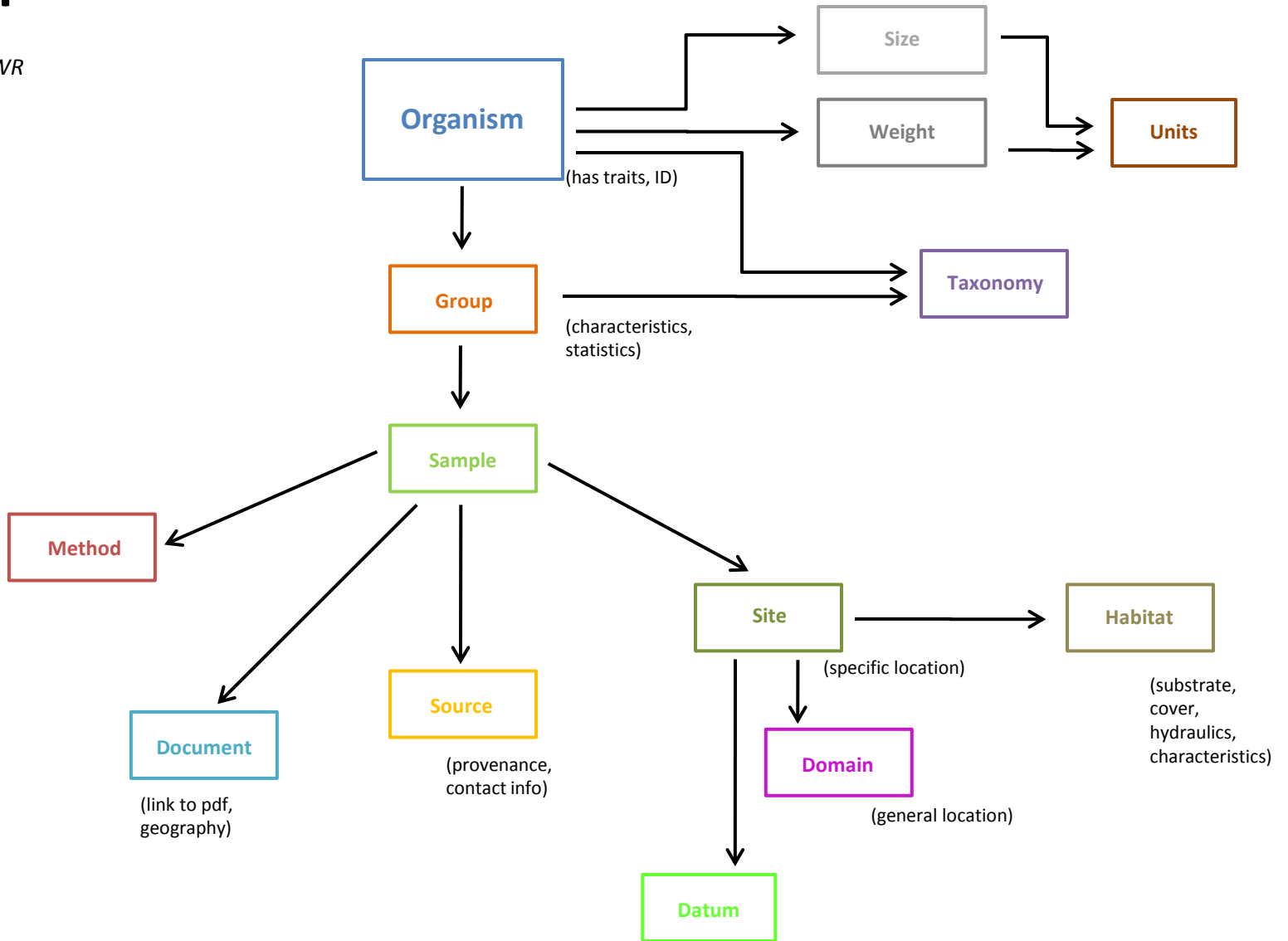


# BioODM

v.1.2

Eric S. Hersh, UT-CRWR

9/25/2009



Organism
OrganismID {PK}
SizeID {FK}
WeightID {FK}
Sex
Lifestage
Anomalies
Age
GroupID {FK}
SampleID {FK}
TaxonomyID {FK}
OrganismComments

Group
GroupID {PK}
MinLength
MaxLength
Count
TaxonomyID {FK}
GroupComments

Taxonomy
TaxonomyID {PK}
Kingdom
Phylum
Subphylum
Superclass
Class
Subclass
Infraclass
Superorder
Order
Suborder
Family
Genus
Species
Subspecies
TSN
TaxonomyComments

Sample
SampleID {PK}
MethodID {FK}
SampleDistance
SampleDuration
SampleDrift
SampleDateTimeLocal
SampleDateTimeUTC
OffsetUTC
OffsetVertical
OffsetLateral
SampleMedium
QualityControlLevel
SiteID {FK}
SourceID {FK}
DocumentID {FK}
HabitatID {FK}
SampleComments

Method
MethodID {PK}
MethodDescription
MethodReference
MethodComments

Document
DocumentID {PK}
DocumentTitle
DocumentLink
DocumentAuthors
DocumentYear
DocumentOrganization
DocumentDiscipline
DocumentKeywords
DocumentCitation
DocumentAbstract
DocumentGeography
DocumentComments

Source
SourceID {PK}
SourceName
SourceDescription
SourceLink
ContactName
ContactEmail
SourceComments

Site	Domain	Habitat
SiteID {PK} SiteName Latitude Longitude Elevation DatumID {FK} Accuracy RiverLocation DomainID {FK} SiteComments	DomainID {PK} Waterbody NHDPlusCatchment NHDPlusSubbasin NHDPlusBasin County State DomainComments	HabitatID {PK} HabitatType HabitatDescription CoverType1 CoverPercent1 CoverType2 CoverPercent2 CoverComments MeanVelocity MaximumVelocity MeanDepth MaximumDepth Width PercentDetritus PercentVegetation HabitatComments PercentClay PercentSilt PercentSand PercentGravel PercentCobble PercentBoulder PercentBedrock PercentOther SubstrateComments

Store these elements in a GIS

Datum
DatumID {PK} HorizontalDatum VerticalDatum DatumComments

Size
SizeID {PK}
SizeName
UnitsID {FK}
SizeComments

Units
UnitsID {PK}
UnitsName
UnitsType
UnitsAbbreviation
UnitsComments

Weight
WeightID {PK}
WeightName
UnitsID {FK}
WeightComments