DefnAndDomain; defn' : Sentence  $\operatorname{cdom}': [\operatorname{UID}]$ Citation;  ${\bf Change};$ AssumpChunk; id:UIDid:UIDaid:UIDReason; citeID : EntryID chngType: ChngTypeassuming: Sentence chng : Sentence refName : ShortName externRefT : CitationKind  ${\bf Theory Constraint};$ refName : ShortNameCI;fields: [CiteField] ConceptChunk; cid: UID $\mathbf{Scope};$ idea: IdeaDictni: NPConstraint; dad : DefnAndDomain ab : String  ${\bf Constraint Reason};$ QDefinition;  $\mathbf{ScopeType}:$ qua : QuantityDict QuantityDict;  ${\bf ConstrConcept};$ equat : Expr id': IdeaDict defq: DefinedQuantityDict ref : References typ': Space constr': [Constraint] deriv: Derivation  $\operatorname{symb'}: \operatorname{Stage} \to \operatorname{Symbol}$  ${\bf Concept Instance};$ reasV : Maybe Expr refName : ShortName unit': Maybe UnitDefn cc: ConceptChunknotes : Maybe [Sentece] shnm : ShortName  ${\bf Common Concept};\\$ comm : CIdef : Sentence dom: [UID]i a InstanceModel; \_-----<u>`</u> rc: RelationConceptDataDefinition; imInputs: Inputs qd: QDefinition inCons : InputConstraints  ${\bf Constrained Chunk;}$ scp : ScopeTypeqd: QuantityDict imOutput : Output ref : References outCons : OutputConstraints constr : [Constraint] deri: Derivation ref : References reasV : Maybe Expr lbl : ShortName deri : Derivation notes : Maybe [Sentence] refName : ShortNamenotes : Maybe [Sentence] UnitalChunk; UnitaryChunk; defq': DefinedQuantityDictquant : QuantityDict un : UnitDefn uni : UnitDefn DefinedQuantityDict; VarChunk; con: ConceptChunkni: IdeadDict $\mathrm{symb}:\,\mathrm{Stage}\to\mathrm{Symbol}$ spa : Space unit' : Maybe UnitDefn vsymb : Stage  $\rightarrow$  Symbol vtyp : Space deri: Derivation  ${\bf Unitary Concept Dict};\\$ UncertainChunk;  $\mathbf{UncertQ};$ unitary: UnitaryChunk conc: ConstrainedChunkconc : ConstrConceptdad : DefnAndDomain unc': Maybe Double unc': Maybe Double