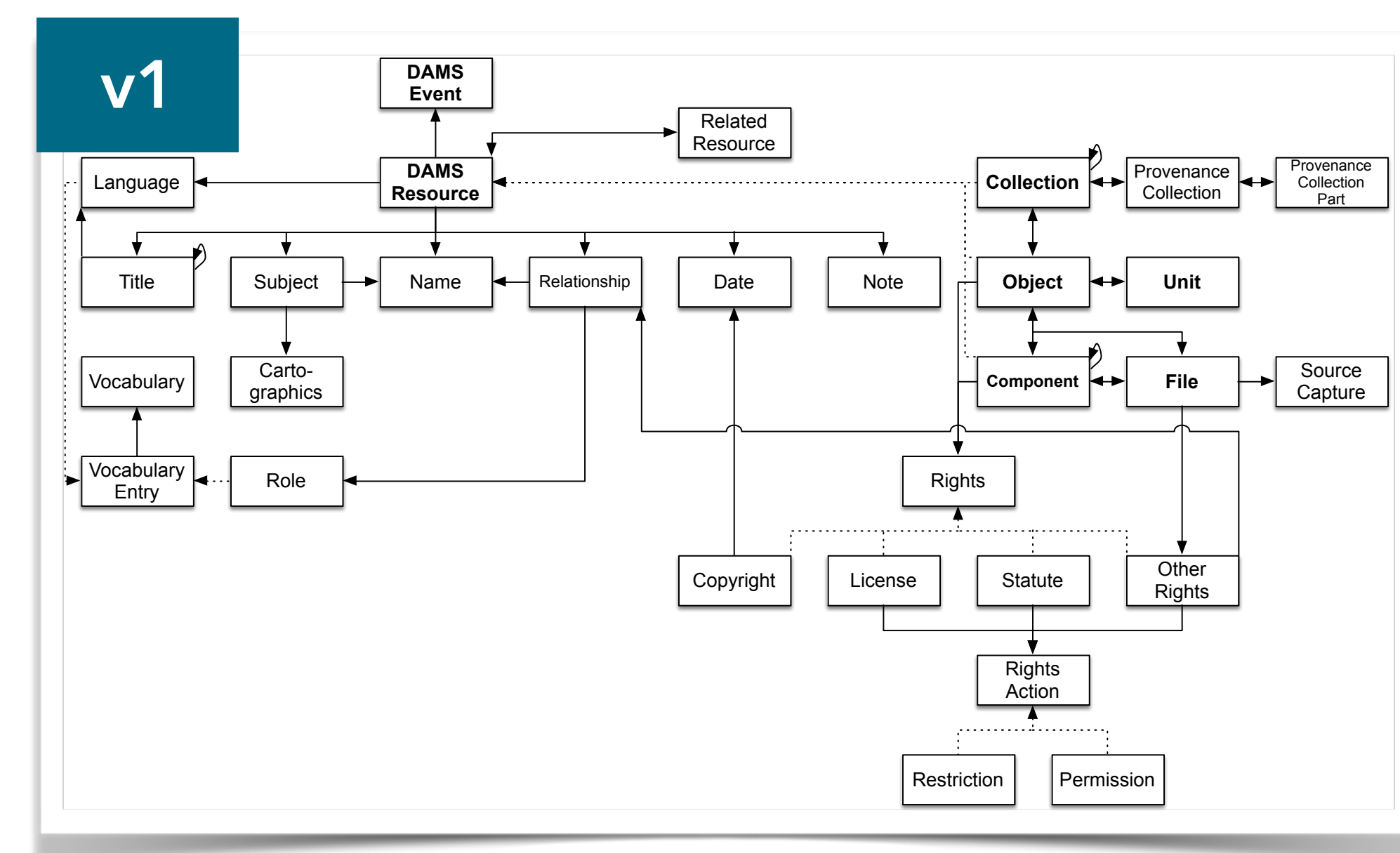


Why Can't We All Just Get Along?

Our Goal: A Shared, Flexible, Extensible Data Model

- Use common library metadata standards
- Reusable subject/authority records
- Support the full range of complexity from a single file up to complex internal structure, e.g. research data
- Common patterns to support shared tool development

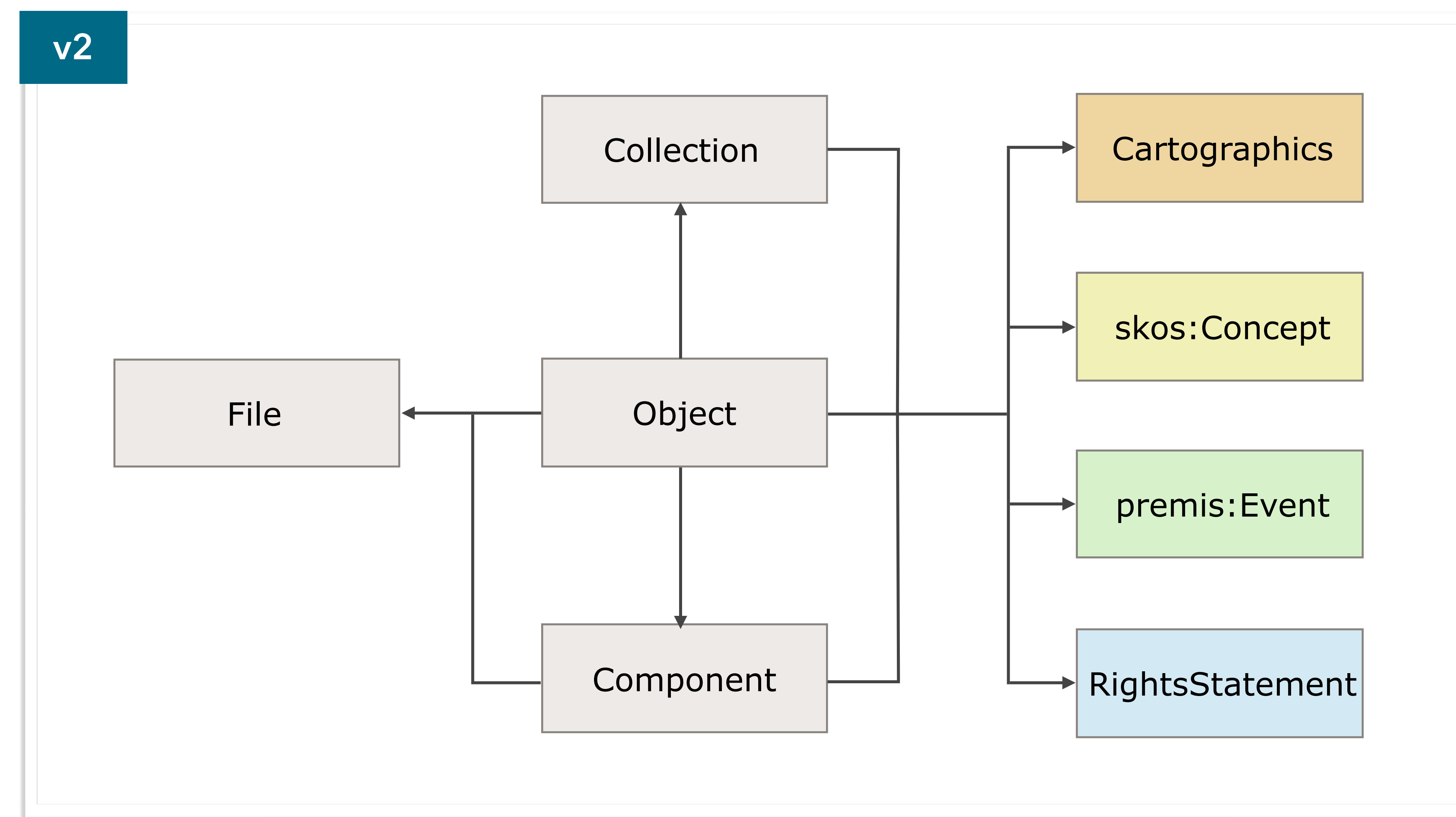


Some Problems with v1

- Too complicated (for us too)
- Difficult to implement
- Core metadata in separate classes is cumbersome

UCSD DAMS4 Data Model v2

- DC descriptive metadata, plus some MODS, GeoRSS, SKOS
- Technical/rights metadata inspired by PREMIS
- Remove unnecessary complexity, but still support reusable subjects and complex objects
- Tiered and extensible: start with flat DC, add the classes you want, or extend to add your local customizations



Use or extend DC for key object metadata.

Link to separate records for re-usable subjects and when a string is too simplistic.

Object

- dc:type
- dc:title
- dc:alternative
- ucsd:partName
- ucsd:partNumber
- ucsd:subtitle
- dc:created, dc:modified, dc:dateSubmitted
- ucsd:displayDate
- ucsd:endDate
- dc:abstract, dc:description, etc.
- dc:identifier
- dc:relation, ucsd:exhibit, ucsd:findingAid, etc.
- dc:collection
- dc:creator, dc:contributor, ucsd:illustrator, etc.
- dc:language
- dc:subject

Collection

same as Object except component and file

Component

same as Object except collection and rights

File

- rdfs:label
- premis:hasDateCreatedByApplication
- premis:hasFormatName
- premis:hasFormatVersion
- premis:hasMessageDigest
- premis:hasObjectCategory
- premis:hasOriginalFilename
- premis:hasPreservationLevel
- premis:hasSize
- ucsd:contentType
- ucsd:duration
- ucsd:quality
- ucsd:sourcePath

File metadata mostly drawn from PREMIS.

UCSD additions for differentiating multiple formats/variants of a file.

Data Dictionary

Cartographics

- georss:line
- georss:point
- georss:polygon
- ucsd:projection
- ucsd:referenceSystem
- ucsd:scale

skos:Concept

- skos:prefLabel
- skos:altLabel
- skos:inScheme
- skos:exactMatch
- skos:closeMatch

Use SKOS instead of MADS for simpler subjects.

premis:Event

- premis:hasEventType
- premis:hasEventDateTime
- premis:hasEventOutcome
- premis:hasEventRelatedAgent

RightsStatement

- fcr:accessroles
- hydra:embargoExpires
- hydra:leaseExpires
- dc:rightsHolder
- premis:hasCopyrightJurisdiction
- premis:hasCopyrightStatus
- premis:hasStatuteCitation
- premis:licenseTerms
- ucsd:advisory
- ucsd:otherRights

Start with Hydra rights metadata, taking advantage of Fedora 4 access control.

Mix in some DC & PREMIS (rights holder, copyright, etc.).

Dash of UCSD (advisory, other rights).

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<http://goo.gl/P5Ew1C>