

Records in Contexts (RiC)

An Archival Description Draft Standard



INTERNATIONAL COUNCIL ON ARCHIVES
EXPERTS GROUP ON ARCHIVAL DESCRIPTION

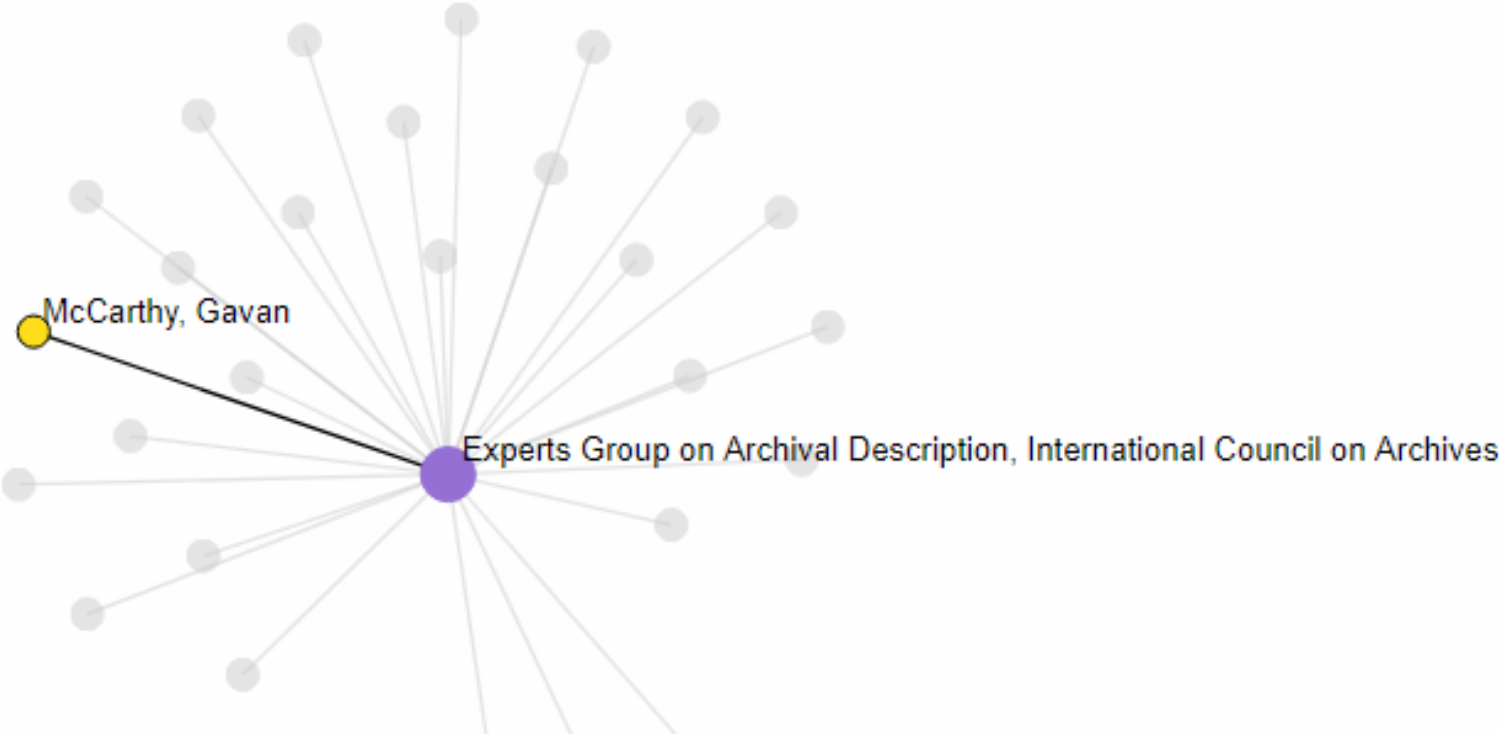
Mexico

2017

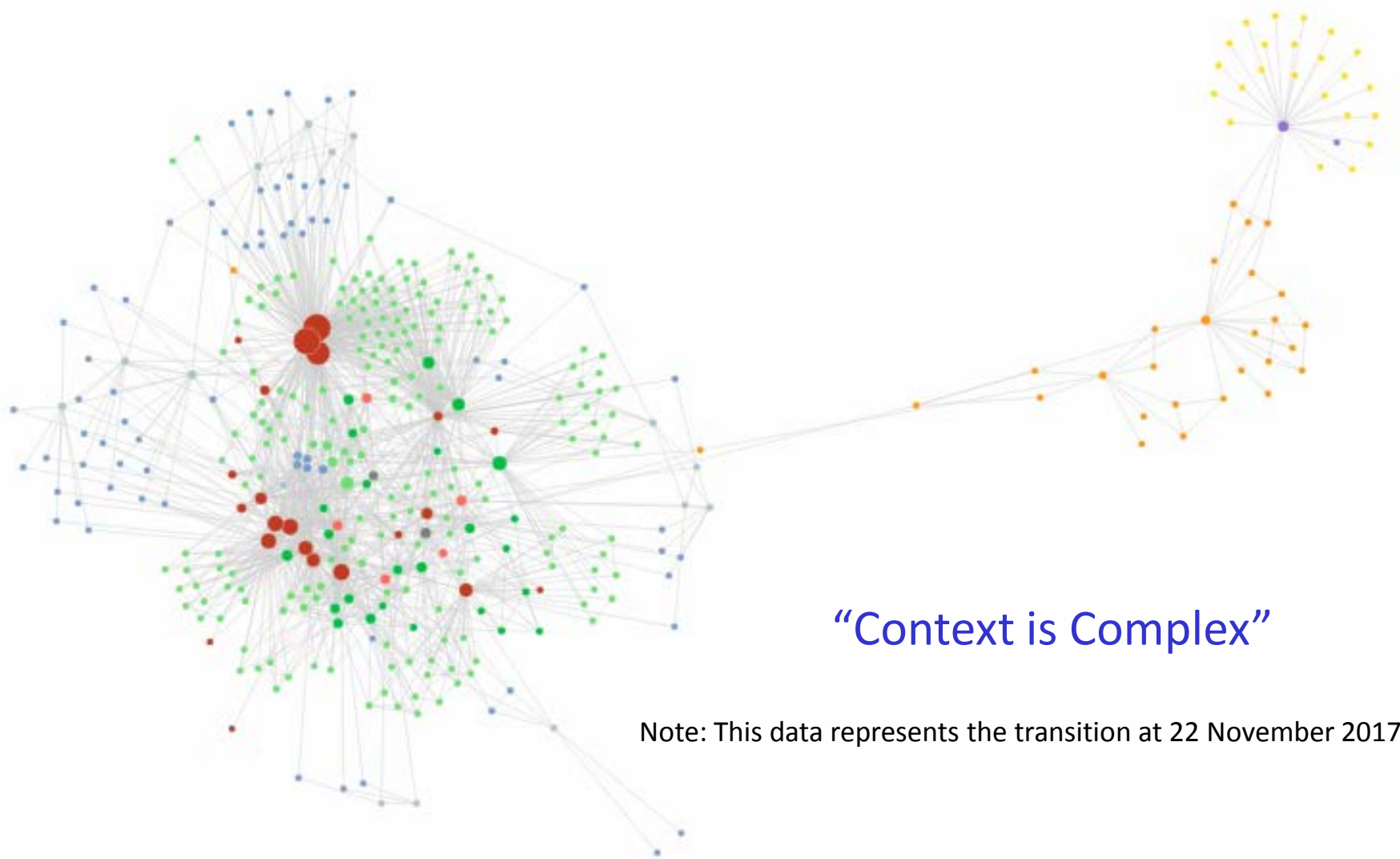
Session Contents

- Introduction (Daniel Pitti)
- Archival Entities, Attributions, and Relations Among Them (Gavan McCarthy)
- Something special (Bogdan-Florin Popovici)

Over to Gavan



Coming to Terms with the Transition



“Context is Complex”

Note: This data represents the transition at 22 November 2017

RiC-IM

Records in Contexts - Informatic Model (RiC v0.1 draft)

HOME

BROWSE

Records in Contexts - Informatic Model




Discussion release for consultation. Explore the RiC-IM using the indexes on the Browse page. Each entry is hyperlinked to its related Entities, Properties or Relations as defined in the Records in Contexts - Conceptual Model. RiC-IM contains higher level groupings to aid analysis. These do not form part of the formal RiC-CM. If you would like to provide constructive feedback please contact Gavan McCarthy at gavanjm@gmail.com. If you would like to explore a graph visualisation of the model you can do so at <https://connex.esrc.unimelb.edu.au> and following the link at ICAD.

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What do we mean by this?

Published by the eScholarship Research Centre, 2016
<http://web.esrc.unimelb.edu.au/ICAD/index.html>

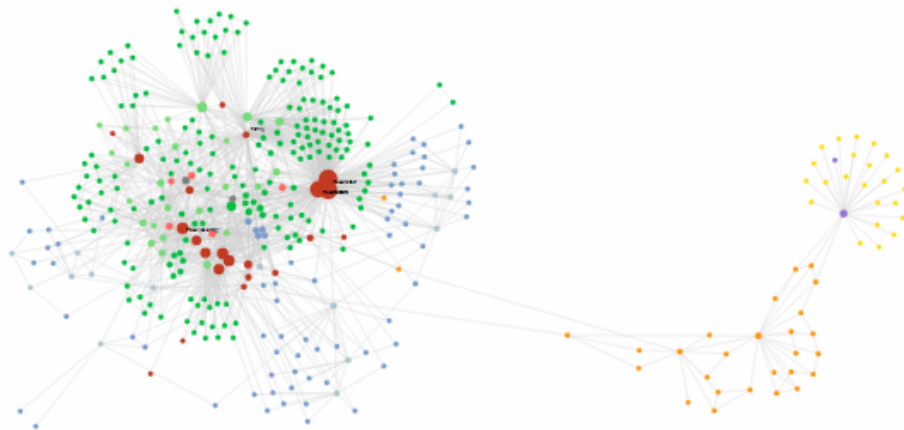
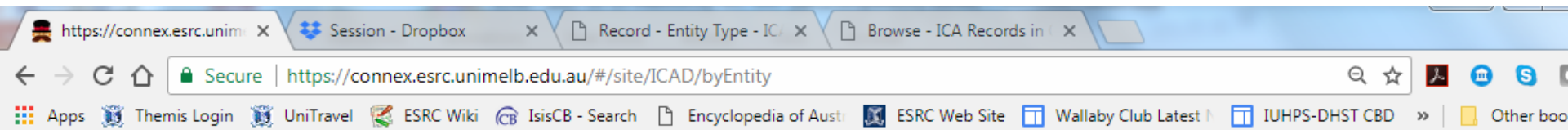
RiC-IM uses the Online Heritage Resource Manager, a tool developed by the eScholarship Research Centre, part of the University Library at the University of Melbourne.

ICA Records in Contexts - Informatic Model v0.2 consists of 389 entries with references to 4 published resources.

 Attributes	<u>A</u> <u>C</u> <u>D</u> <u>E</u> <u>F</u> <u>G</u> <u>H</u> <u>I</u> <u>L</u> <u>M</u> <u>N</u> <u>O</u> <u>P</u> <u>Q</u> <u>R</u> <u>S</u> <u>T</u>	71 entities
Attribute Sets	<u>D</u> <u>H</u> <u>I</u> <u>L</u> <u>S</u>	15 entities
Domains	<u>D</u> <u>E</u>	2 entities
Entity Sets	<u>A</u> <u>E</u> <u>F</u> <u>R</u> <u>S</u>	5 entities
 Entity Types	<u>A</u> <u>C</u> <u>D</u> <u>F</u> <u>G</u> <u>J</u> <u>M</u> <u>O</u> <u>P</u> <u>R</u> <u>T</u>	22 entities
Explainers	<u>A</u> <u>C</u> <u>D</u> <u>E</u> <u>O</u> <u>P</u> <u>R</u>	28 entities
Organisations	<u>E</u> <u>I</u>	2 entities
People	<u>B</u> <u>C</u> <u>E</u> <u>F</u> <u>H</u> <u>J</u> <u>M</u> <u>P</u> <u>R</u> <u>S</u> <u>T</u> <u>V</u> <u>Z</u>	23 entities
Relation Groups	<u>A</u> <u>E</u> <u>F</u> <u>S</u>	25 entities
 Relation Types	<u>A</u> <u>C</u> <u>D</u> <u>E</u> <u>F</u> <u>G</u> <u>H</u> <u>I</u> <u>M</u> <u>O</u> <u>P</u> <u>R</u> <u>S</u> <u>U</u> <u>W</u>	196 entities

ConneX: Contextual Network Explorer

Visualise and Explore the Context Entity relationships in an OHRM dataset.
A product of the eScholarship Research Centre, The University of Melbourne Library.



Records in Context - Informatic Model (ICAD)

Controls

Reset

Size nodes:

by related entities

by related publications

by related objects

evenly

Toggle Labels

Colour Picker

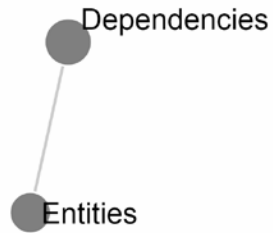
Type Filter

Download data (GML)

Dates

1 AM

Conceptual model – Informatic model:



Representing within the world

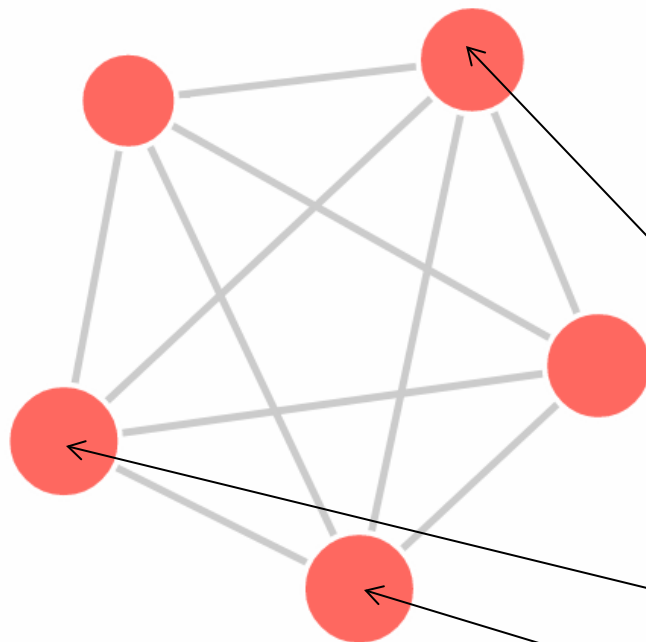
The objects that are essential for records managers and archivists to fulfill their responsibilities



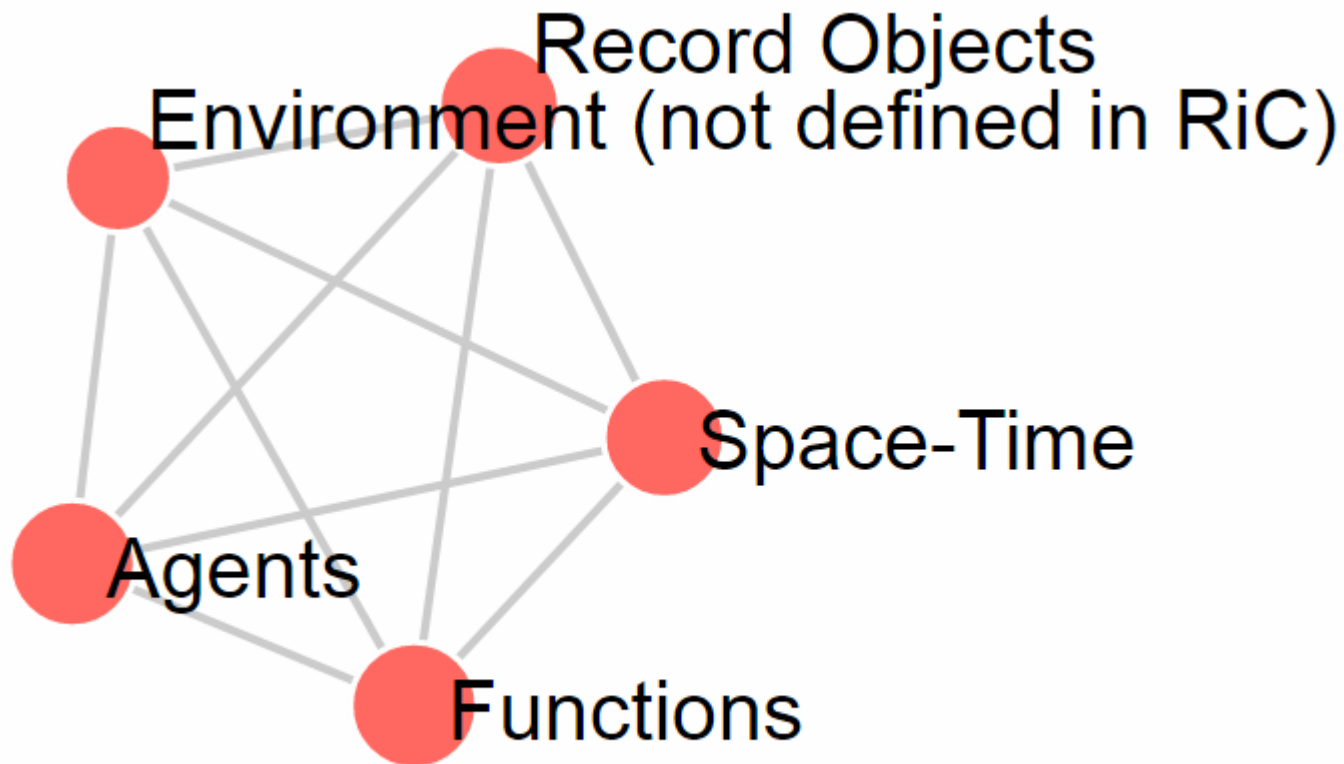
- Model each object of interest (entity)
- Model the essential characteristics of each entity (attribute)
- Model the relations among the entities (relation)

From the Current ICA Standards to RiC-CM

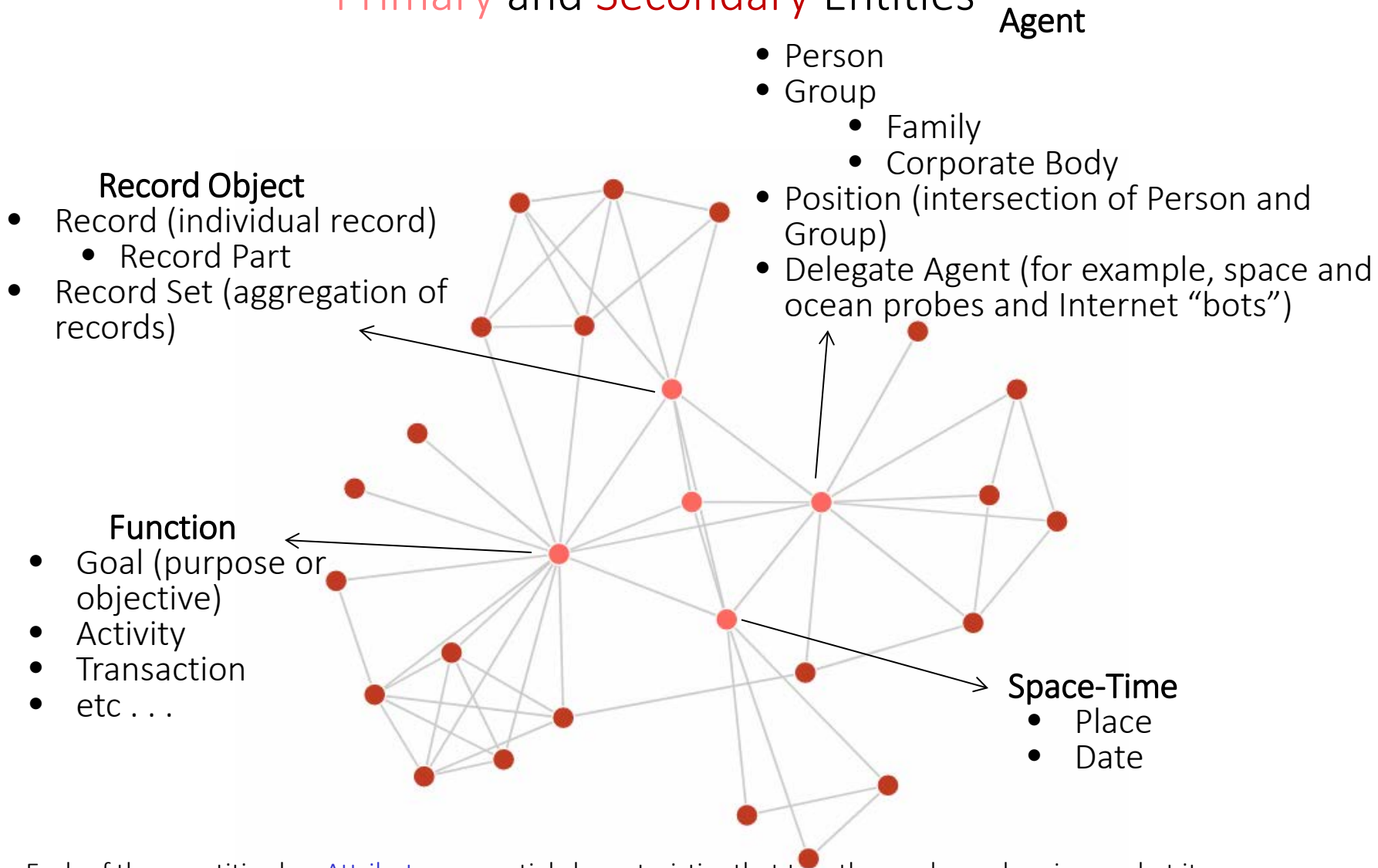
- Current ICA description standards
 - ISAD – records
 - ISAAR – corporate bodies, persons, and families
 - ISDF – functions, activities, ...
 - ISDIAH – archival holding institutions



- RiC-CM has three top-level entities
 - **Record Object** (more and less than ISAD, as it focuses just on of records and individual records)
 - **Agent** (subsumes both ISAAR and ISDIAH)
 - **Function** (ISDF)



Primary and Secondary Entities

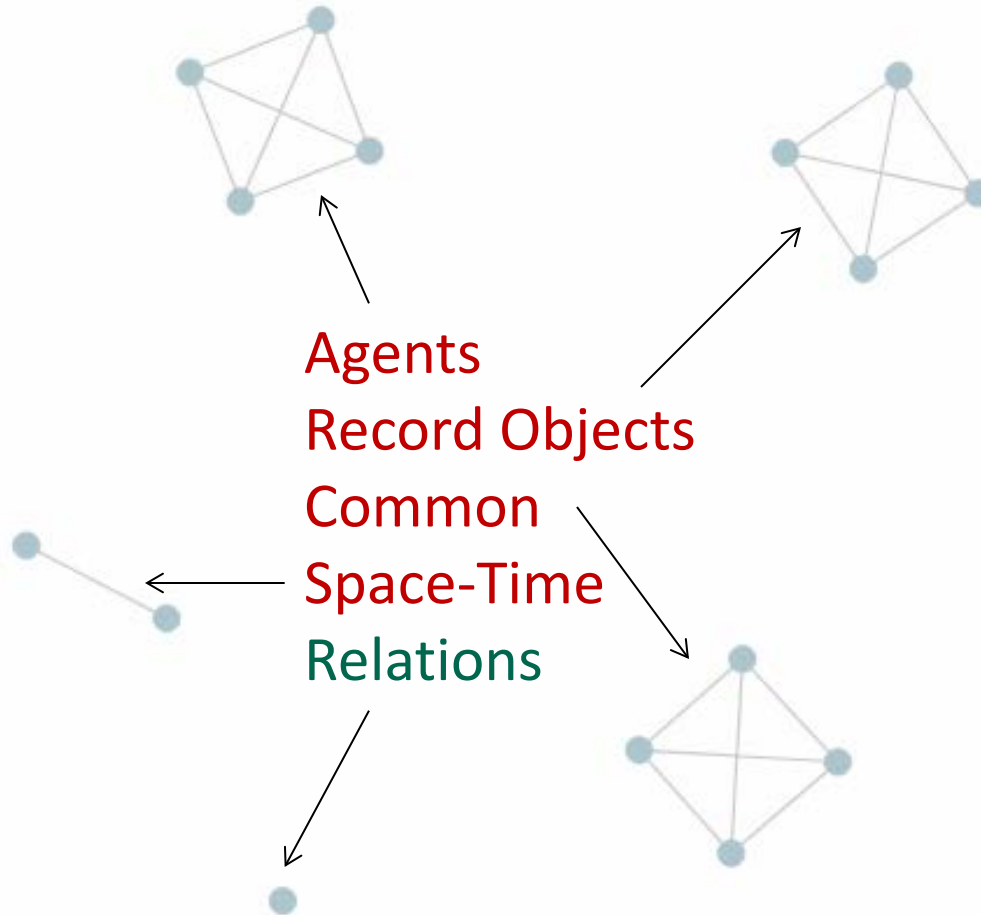


Each of these entities has [Attributes](#), essential characteristics that together make each unique, what it is. For example, a Name or Title, a Date, History ...

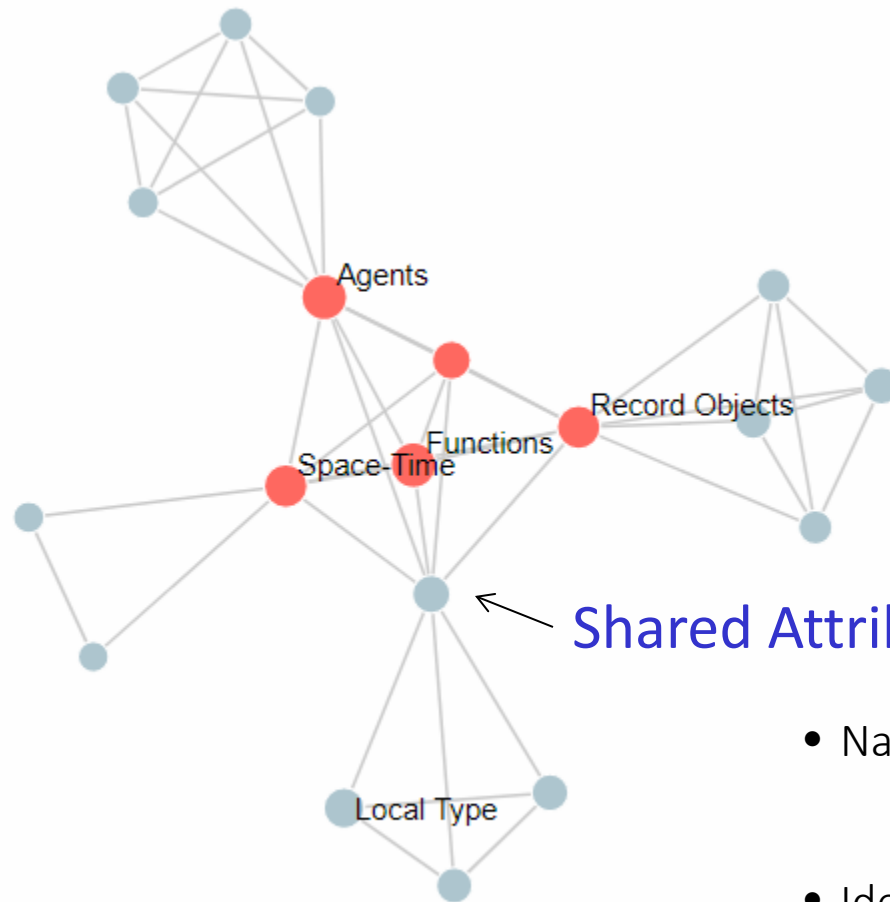
Qualifying Entities (and Attributes) Used in the Description of Primary and Secondary Entities

- Optimally maintained as controlled terms or values
 - Occupation (of person)
 - Function (Concept) includes Goal, Activity, Transaction (as concepts)
 - Record Classification
 - Documentary Form
- Place
 - Jurisdictions
 - Geographical features
 - Latitude, longitude
 - Complex boundaries
- Date
 - Single date
 - Date range
 - Non-contiguous dates
 - Expression of a date has attributes
 - Precision of date (uncertainty/certainty)
 - Calendar system
 - Standardized form of expression: ISO 8601, or the Extended Date-Time Format

Sets (and clusters) of **Attributes** (Properties in RiC-CM 2016) Used in the Description of Primary and Secondary Entities



Qualifying Entities (and Attributes) Used in the Description of Primary and Secondary Entities

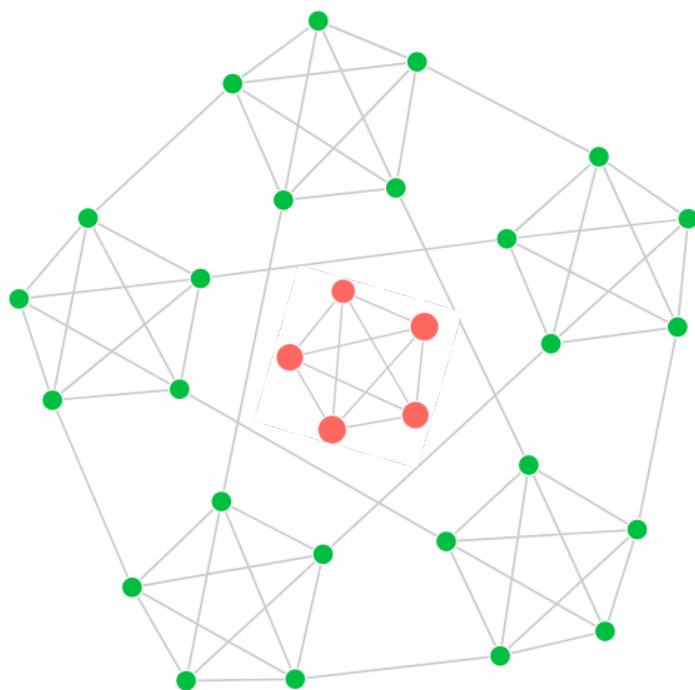


Shared Attributes of All Entities

e.g. Name and Identifier

- Name control
 - Authorized or preferred names
 - Alternative names
 - Parallel names
- Identifier control
 - Global identifier
 - Local identifier

Relations Used in the Description of **Primary** and Secondary Entities



Relations

- Kinds of relations among Record Objects, Agents, and Functions, and the sub-entities
- Types of relations treated as a graph (broader/narrower; primarily hierarchical but ...)
- Directional
 - Corporate body X has member Person A / Person A is member of Corporate body X
- Reduce to a basic and essential set [in RiC-CM 2016 there were 792 registered relations]
- Though extensible: general to specific

Relation Groups

A E F S

25 entities

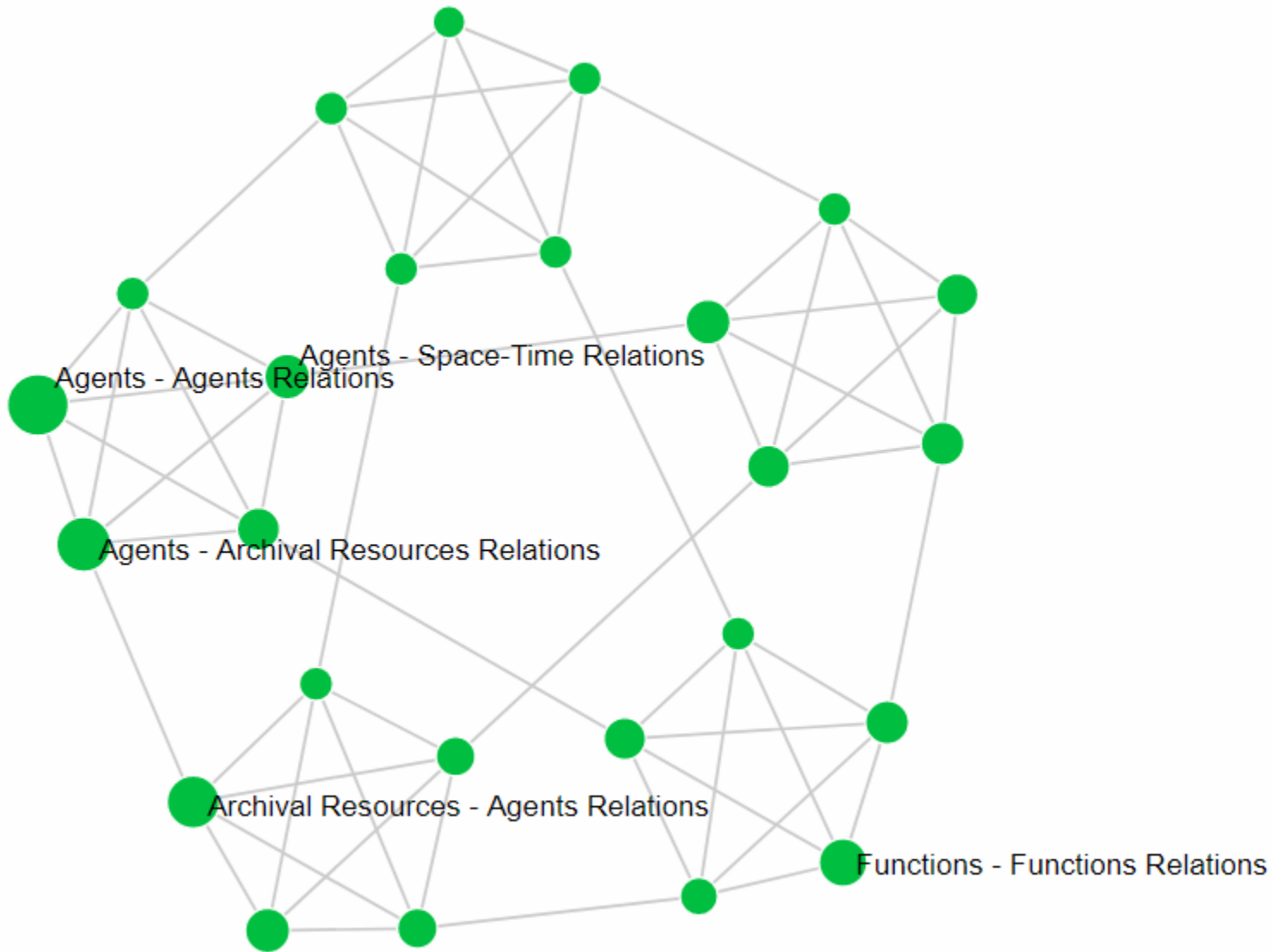
Relation Types

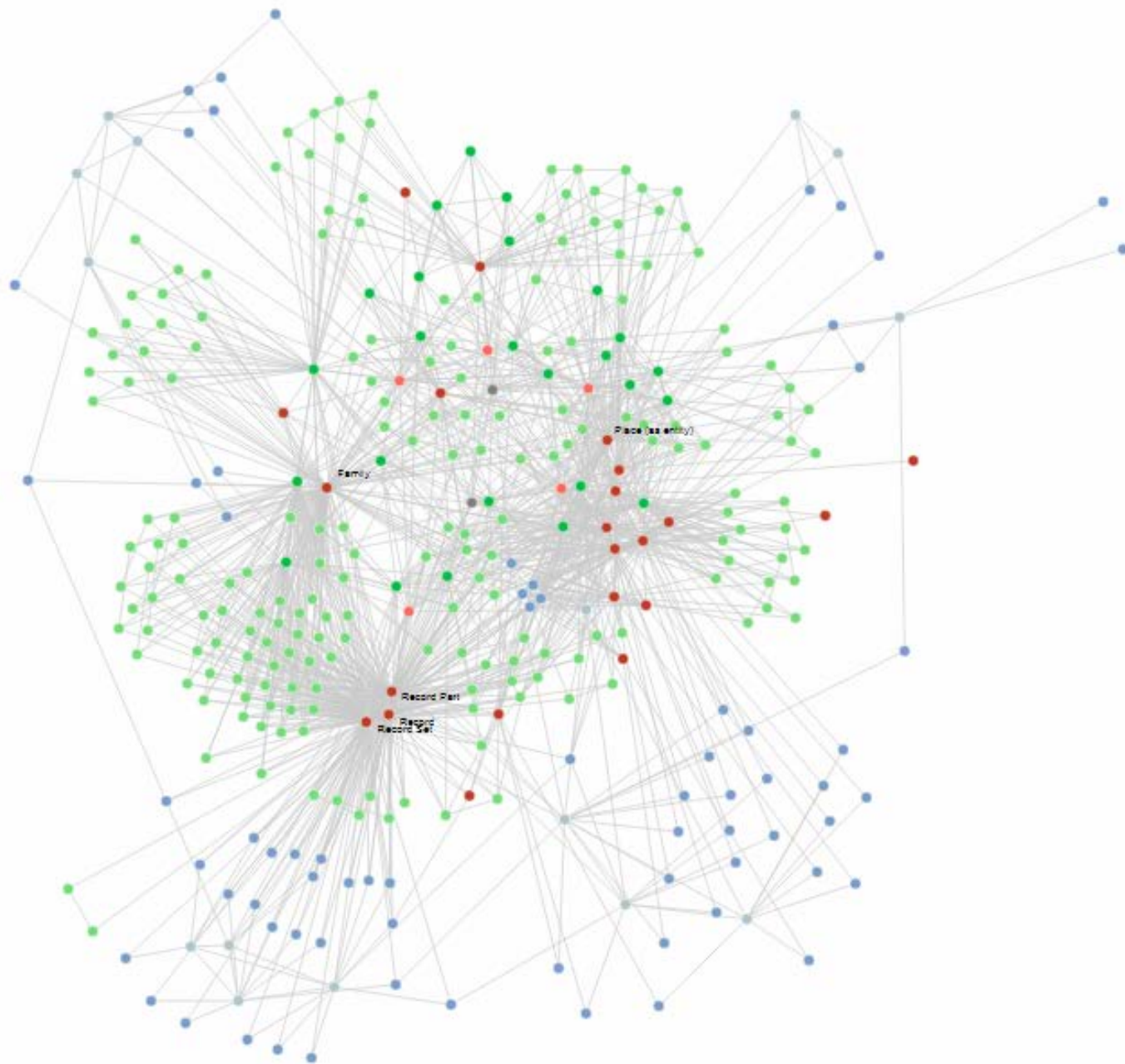
A C D E F G H I M O P R S U W

196 entities

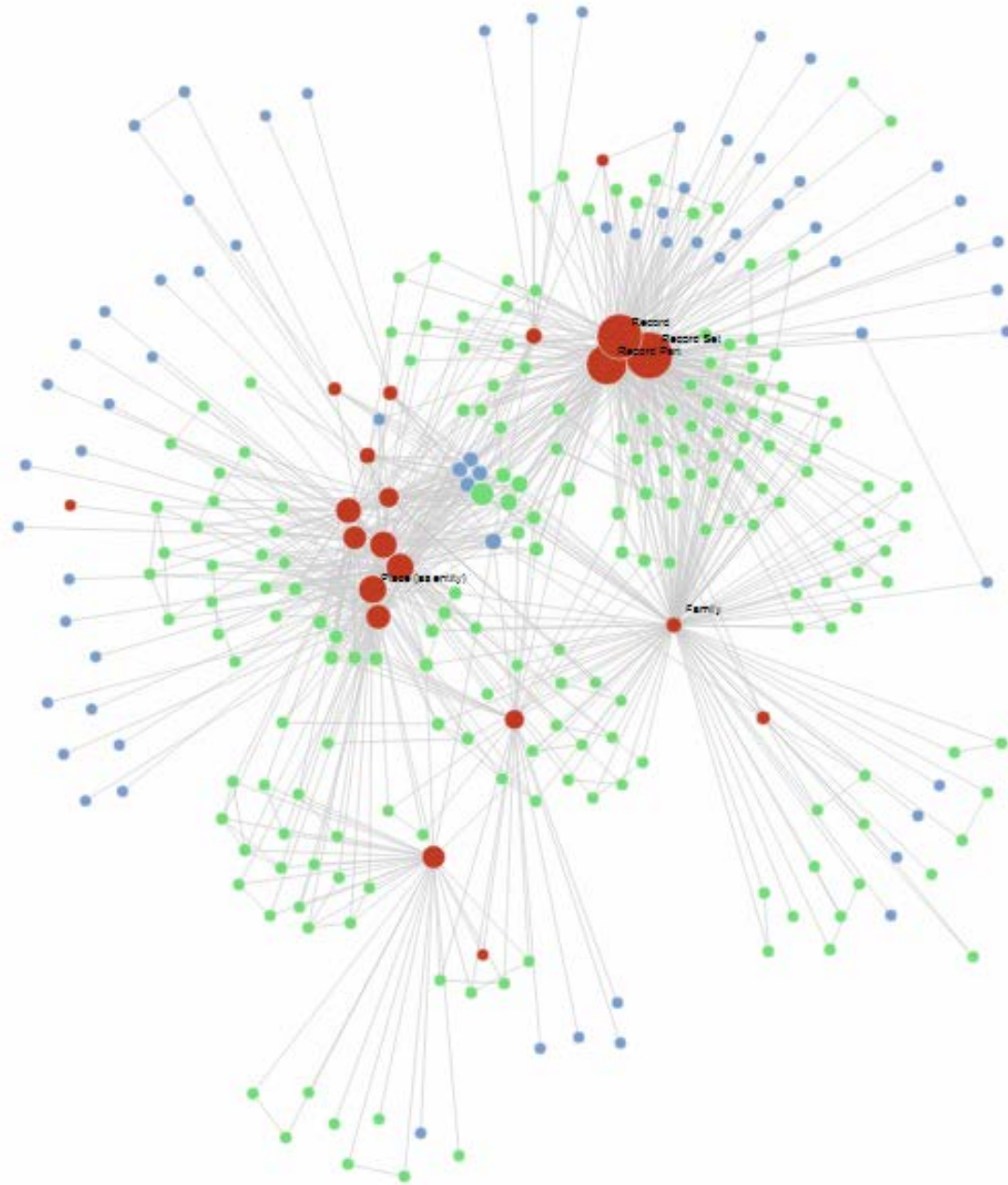
Relations may be qualified by

- Place and Date
- For example, *Person A resided in Place Z from March 1912 until April 1933*

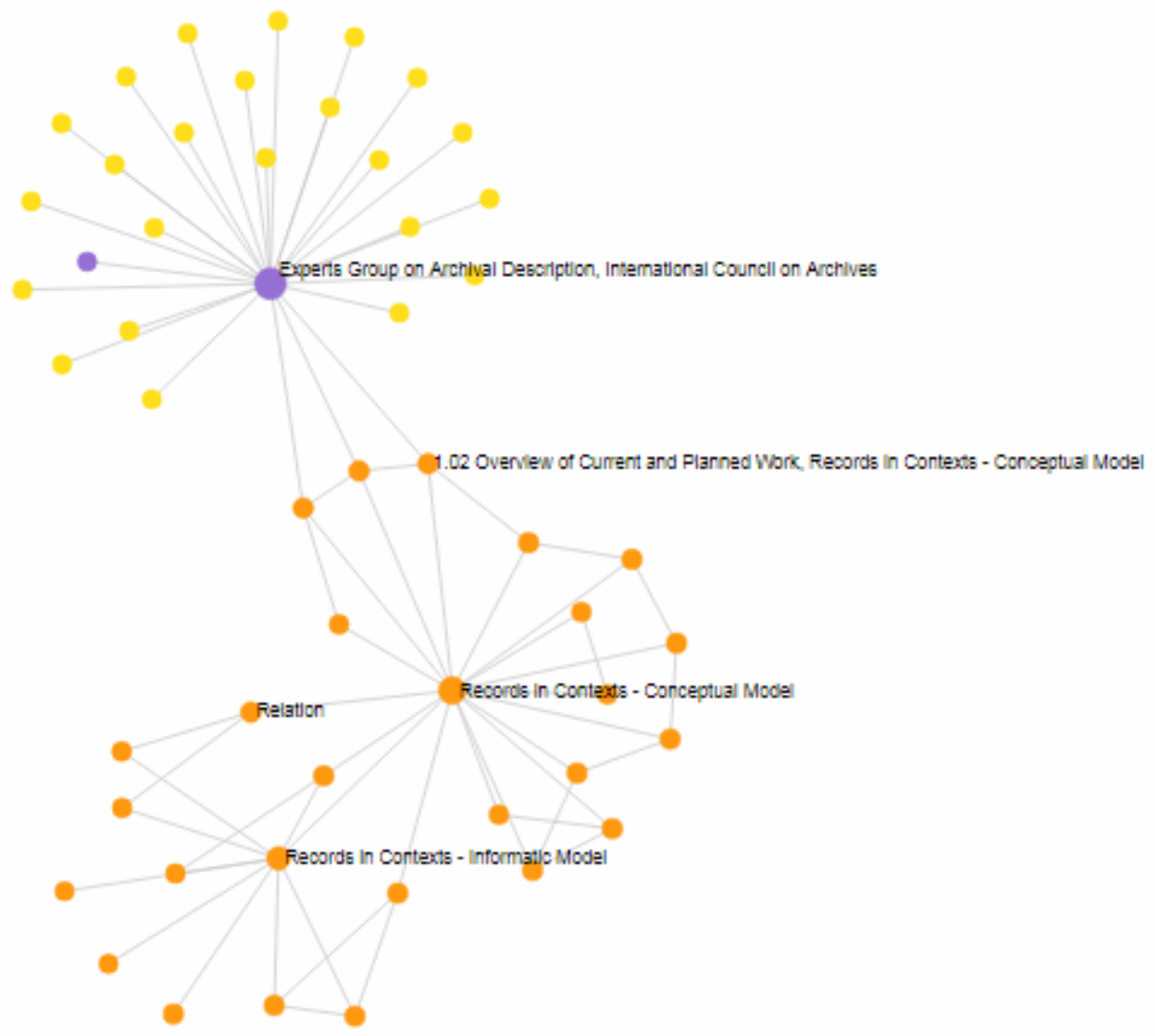




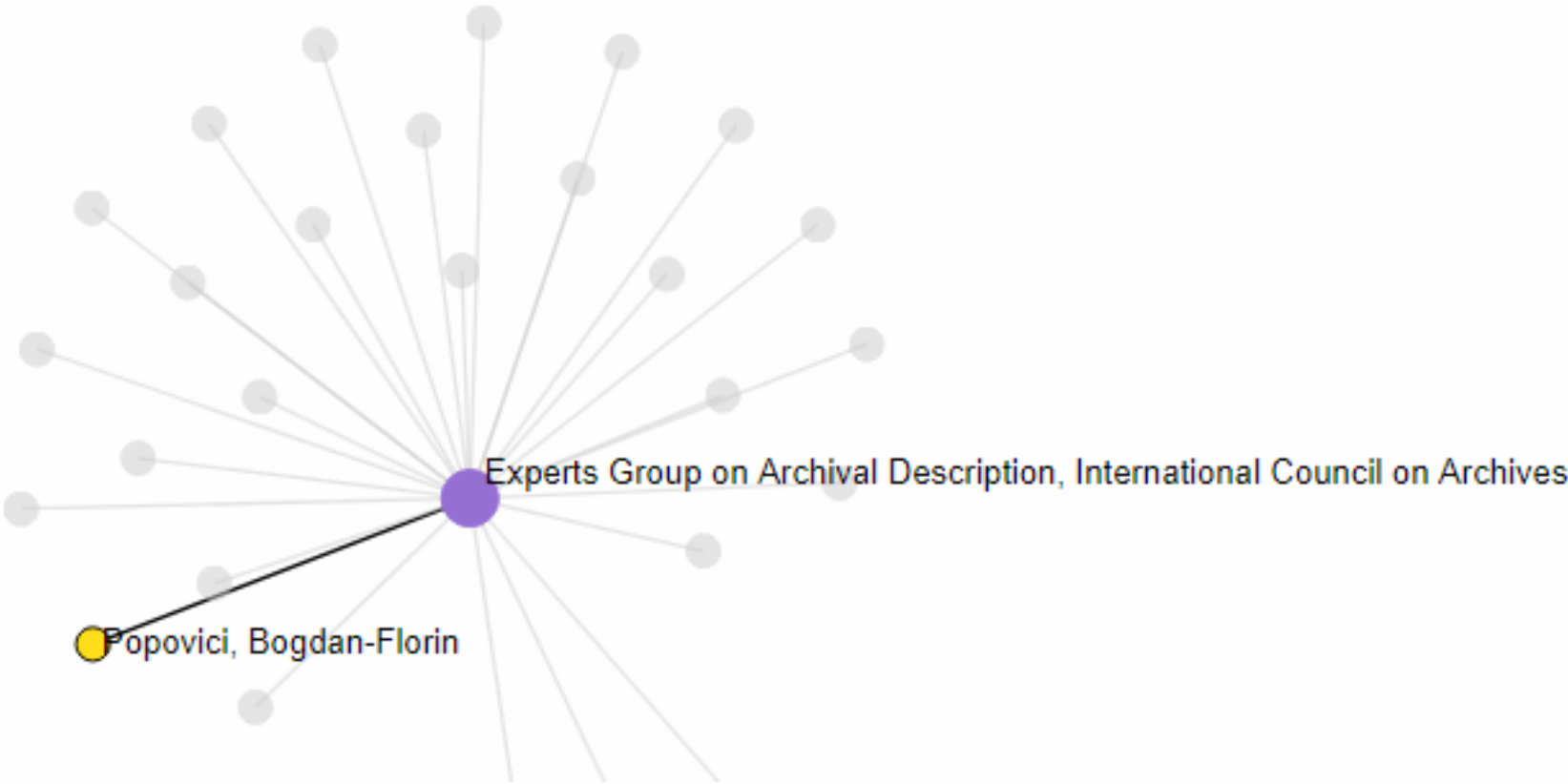
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Over to Bogdan



Thank you!