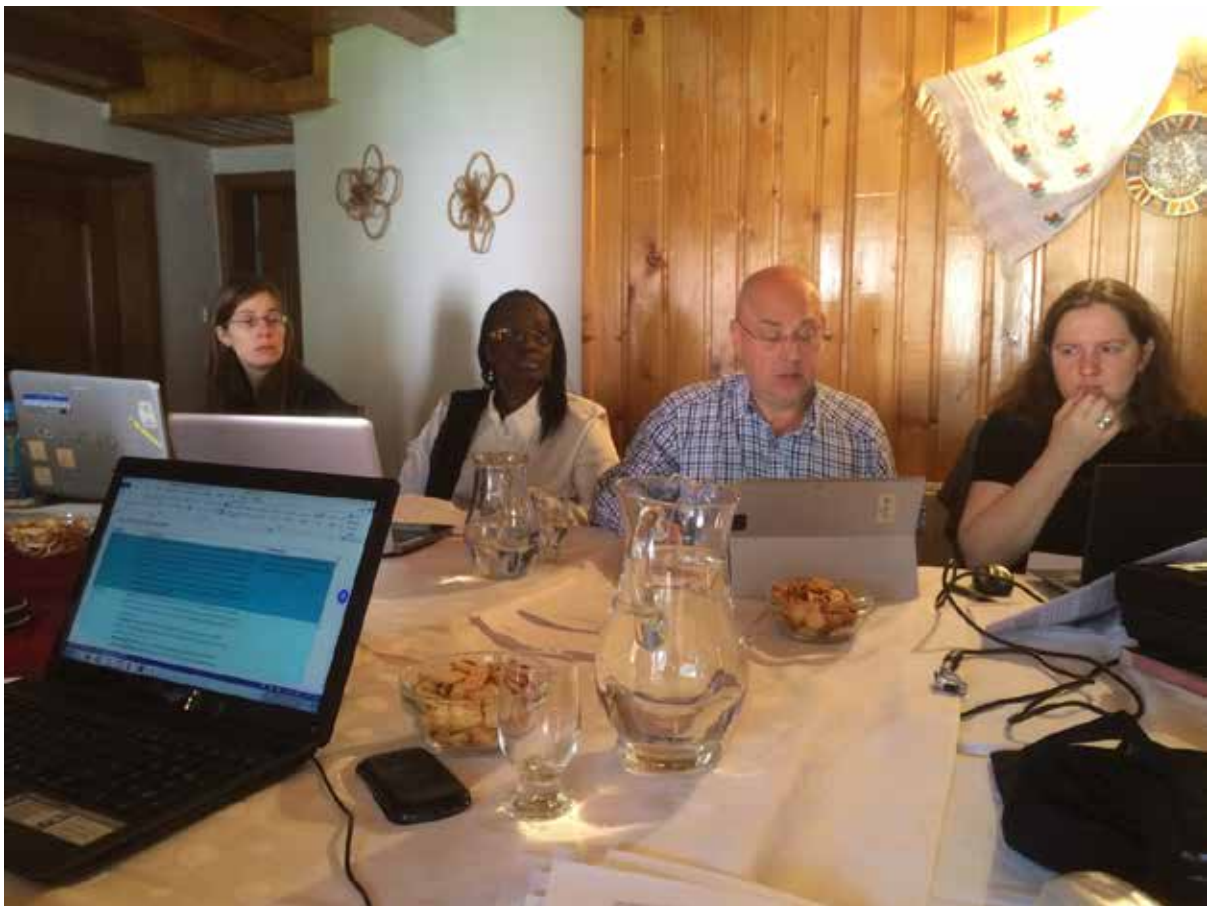


## ICA - EGAD Romania 2015

Dor de Moeciu

27-30 May 2015

GJM Notes Day 1 – Wednesday 27 May 2015



Photographed and prepared by Gavan McCarthy – Dor de Moeciu, 31 May 2015.

DAY 1/1 GAVAN MCCARTHY  
NOTES 27 5 2015 (1)  
ICAD-6440 ROMANIA

At Pensiunea 'Dor de Moeziu'  
near Bron Castle on the road  
route from Brasov through  
the Carpathian Mountains.

8.30 am.

Daniel in the Chair

- Strategy - go top to bottom  
but there will be issues that  
will have to be worked with

- First Pass. - develops the

troublesome issues

Bill - the keeper of the shony  
issues - that we will return  
to.

Various people should choose  
the issues that they like and  
take them through and see  
where we end up.

Kat → Bill had produced a super-  
detailed document but it was  
probably too much for us to  
deal with - So Daniel bubbled up  
the higher level concepts.

②

DAY 1/2

ICAD-ECAD

27 5 2015

① Good consensus at the higher level - and then go away and sort out the detail.

Basim - What is the goal?

Daniel: A detailed conceptual model and an ontology

- An political strategy as well as an intellectual strategy.

- Architectural community to recognise this as the next thing  $\Rightarrow$  a bridge document to be shared with the community

- The ontology will only be of interest to few and would freak most people out;

- Take a multi-entity

approach - The Australian was descriptive approach to description.

- The GAD approach - all in one place is a mindset that is well entrenched but we pave the way to the multi-entity relationship approach.

Basim: So what is our practical

DAY 1/3 (3)  
27 5 2015

ICAD-EGAD

goal:

Daniel: We love each other!

And

Vitor: Leave this meeting under  
an approach - an Elevator  
Speech - a well rehearsed  
explanation -

Daniel: - A Draft Conceptual  
Model to release to the  
community.

- Our goal was to get this  
out February-March but  
everybody was so over committed  
to meet that deadline.

- So our long goal is to take  
something to Korea 2016.

⇒ We need to sort out  
timelines ⇒ a matter of weeks  
after this meeting we should  
have something else.

⊙ Goal - Next ICA EB -  
and PCOM for the Iceland  
meeting - it looks like Vitor  
and Pedro will be there and  
could present something to ICA EB

④ DAY 1/4

27 5 2015

ICAO-ECAD

- They are also on PLOM.

The conceptual to ontology -  
is not always an evenly straight  
forward

- a process of refining the  
logic

→ Florence - a denaturing  
process as questions get raised  
in both directions,

- See Document that Jaana sent  
- which was interesting but  
raised issues.

( Ontologists could have a  
side meeting here but next we  
Go to Hub - Daniel has set up  
an account.)

Jan

Introducing the Document -

Records in Context - Conceptual  
Model - 1<sup>st</sup> Draft

- with the add exceptions

DAY 1/5  
27 5 2015

(5)

ICAO-ECAD

- as all up for discussion,
- First Order Structural Analysis  
pp. 1.-2
- Analysis done with Alfred  
Henkays Communities p 3
- Dates p 4.

↳ From then on Details of the Above

Dates + Place are irregularities

- Examples will be completely  
necessary to communicate this  
structure and structure of the  
communities.
- Also take a further step into  
a Multi Entity Relationship model  
to see the transitions in both  
directions.
- The Australian model is pretty good  
although not as good as it could  
be - an excellent start but  
needs and is continuing to evolve.
- The French is also a good  
example.

⑥ DAY 1/6

27 5 2015

### ICAD-EGAD

- A bridge that does not even touch the part but builds on it.
- From SNA 6: when you take your things - separate them and draw a line between them - you use a significant part of your audience.
- This is actually a 'cosmology' issue.
- Descriptions in relation to technology - transitions and always marked by not over -  
- Kramers who was from before but using the tech to do things better and do more.

⇒ Spend with the Top Five

AGENTS: 'Public' is a mind field

- But for architecture this has a lot of baggage.  
- The entire responsibility ...  
The entire can have an or more known ...
- Florence is keen that this is not an exclusion list of things

DAY 1/7

(2)

27 5 2015

ICAD-EGAD

But that we have a focus on  
the animal 80/20

• Florence the chicken and  
Karl the keeper.

Foot - Things that are permanent  
to do stuff. = Agents.  
e.g. Money market; God;  
etc.

RECORD:

The definition

- Broader definition

includes publications

Bigder - But some few things that  
are excluded.

- Built Antiquities, Domes brevers

Amun.

- All records are evidence - a  
unit is a fixed form

but "rights of passage" records

- a product / a by-product

⇒ a recorded function

⇒ more than evidence of

the asset conveys and its function

⇒ But all records out of that this.



⑦ DAY 1/8

27 5 2015

ICAD-EGAO

Is this issue strong?

Maybe not:

Provide a good example

Daniel - Proposes

Bozdar to come up with

a new model

[Crown - ~~initiated~~ <sup>initiated</sup> <sup>Indigenous male</sup> <sup>as: civil society</sup>]

RECORD SET:

• A record set is something  
a bit different - it builds  
on a record.

! One or more records stands  
on or more properties!

⇒ anything you might want  
to say about record you could  
say about a record set.

⇒ Adds an intellectual dimension  
to the process - that is otherwise  
will/could be complicated.

⇒ will <sup>help</sup> <sup>anchored</sup> be clearer about  
what they are actually doing.

- This enables

• Research

• Preservation

⇒ 'member' is a preferred term

DAY 1/9  
27 5 2015

(9)

1 CAD-EGAO

but Padua was not so happy with  
this - would prefer 'element'

Bogdan -

- Trustworthy records
- Interpretable records
- Authentic records
- Analyzable records

1 A Record Set comprises  
Records selected by an Agent in

Formal and Informal sense  
of record - The qualities  
of a record - and that  
records are in the process of  
becoming - as agents can  
add meanings and qualities by  
adding relationships -  
and essences which hang  
in themselves from differing  
levels of evidence or strength.

Record set can be 'self-evident'  
but could also be dynamic  
Bogdan - to reach this.

⑩ DAY 1/10

27 S 2015

ICAD-EGAD

To take Daniel's stream of  
consciences

Multiple membership

- Synchronic

- Diachronic

≡ Simultaneity

Appear as a given process of  
Record keepers.

Vitor - Back to RECORD  
use the first definition  
(the second is too narrow)

Recorded or captured information  
in any form  
- to avoid redundancy - and  
misinterpretation of  
'records' etc.

---

main Tea / Coffee.

ICAD-EGAD, ROMANIA

DAY 1/4 (4)  
27 5 2015

Damon - How should be reflected  
the conceptual model on

GitLab - a version control  
mechanism - services

- GitLab is Public

- Can be used to collect comments  
and suggestions -

- It is naturally versions  
to the more technical aspect.

- Damon to give us a demo.

Salvatore - Conceptual Model

in MarkDown - a Wiki system

- We need both a Word Doc / Pdf  
and also a Wiki ~~app~~ (Mark Down.)

5) Damon - Salvatore to have  
a side discussion to come  
back with

Daniel - Have a maintenance  
plan - from which documents  
are created.

RECORD SET -

- Have something more archival  
(no nos of examples ...) that records.

⑫ DAY 1/12

27 5 2015

ICAD-ECAD

Daniel was very abstract -  
and not the exclusive  
possessor of authority but when  
they make their way and based  
on 'archival principles'.

BUSINESS PROCESSES

• No one like 'Process' - but what  
do we call it. Also Mandate  
is also an issue.  
- Also 'Business' is a problem  
in the Latin language - but  
also a bit in English.  
'Revels' - but Denial....

2 Components

- ① Goals What for...
- ② Actions How...

Suggestion:

Instead of 2 entities, 3 entities

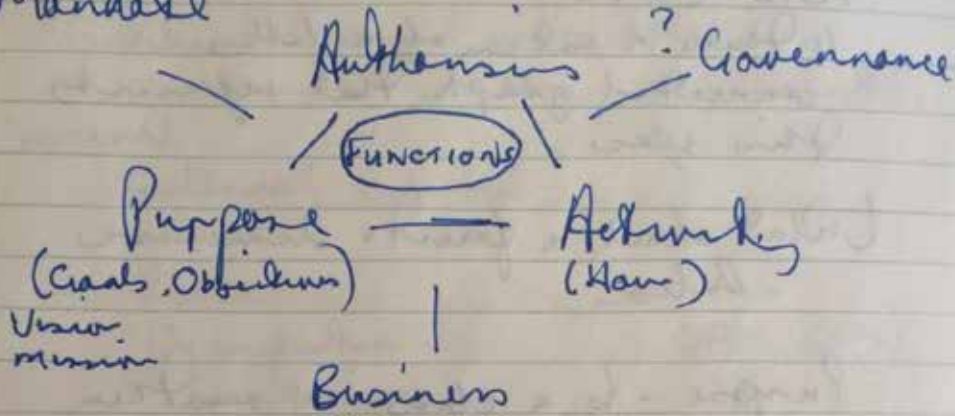
- ① What for - Authority ) Mandate
- ② First / Purpose )
- ③ Activity ) Business

ICAO-EGAD  
Mandate

DAY 1/13

27 S 2015

(13)



But what is an entity?

What is a thing?

What are these derived things?

See Blum's example:

In UK there is an implied  
constitution - but a non-  
written normative social  
contract?

See Jaana's contribution

which attempts to bring together

the conceptual and implemented

- So what are functions in this  
space.

Green

Is there a notion of the conceptual  
framework - from the conceptual  
model.

(14) DAY 1/14

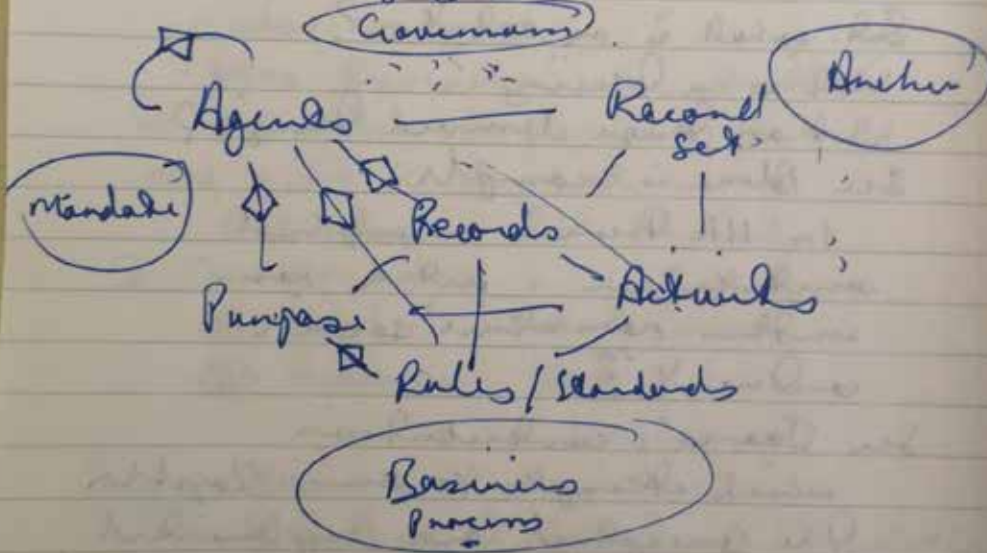
27 5 2015

LOAD-EGAD

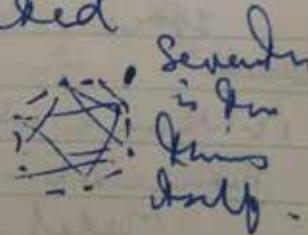
Is there a notion of a fully connected graph that represents this spec.

(What about a formal dimension - rules -

Purpose - is a class in another ontology



⇒ A fully connected graph



DAY 1 / 15  
27 5 2015

(15)

ICAD-EGAD  
Bibliographies Shared with Ahmed  
Cultural Heritage Community  
General  
Cultural Bibliographies

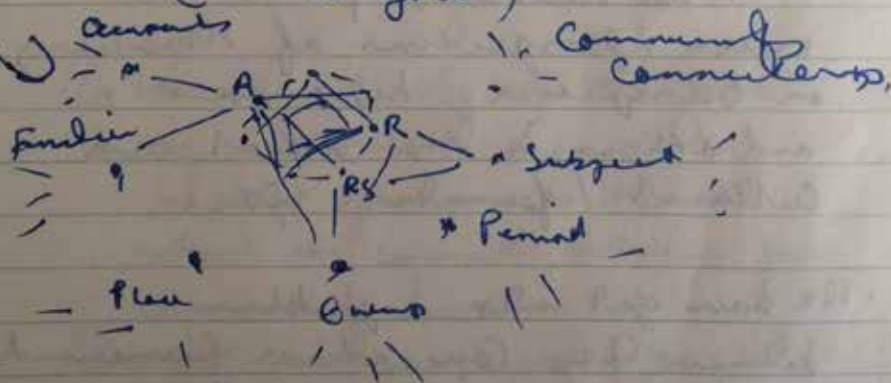
Place

- Occasions
- Functions
- Subjects
- Named Events
- Named Periods
- Monuments

CIDOC CRM

Library  
Archives  
Catalog

Core / Non Core  
(Not so good)



Place (ban)



(16) DAY 1/16

27 5 2018

ICAD-EGAD

Need to include Topics / Subject

Answer - part to Bidder  
in first order and second  
order entities  
≡ But is there a difference  
in power or capabilities in the  
various entities layers

So our Conceptual framework  
- the heart of our perspective  
in the world.

⇒ It defines our role  
purpose and mission in the  
world.

⇒ As distinct from the  
view / perspective of Muslims,  
or Europeans, humans,  
and others in the social and  
cultural information space.

• We have got into a problem  
between the Conceptual framework  
and its Realization in the  
world.

DAY 1/17

27 5 2015

17

ICAD-EGAD

⇒ We need to find the coherence

⇒ the gap between the abstract and its realization in the world.

Florence:

Describes a process.

- on habits

↳ function

↳ Water Management.

↳ similar

↳ ... an

entity, institution

in some other space.

←

! and in near similar.

But a Community of Practice requires more disciplines in this space - without which we cannot achieve our common goals.

Daniel - does not want to part on it ~~but~~ but we want to design it.

(18) DAY 1/18

27 5 2010

ICAD-EGAD

We are creating a mandate  
for architects to do what  
they should do.

Authenticity = a relationship  
between an object and some  
other entities.

DATGS:

Ship over time - we all  
know this is important, we can  
model it, this are everywhere  
etc.

Global Perspectives Identifier  
- not problematic conceptually.

Cultural Heritage = People.

⇒ Many CPI is the natural  
outcome of human activities  
⇒ Same as is cultural.

UOBI - if you must and ⇒  
you have responsibility  
- it is what we do.

DAY 1/19

27 5 2015

(19)

ICAO - EGAD

Local Identifiers

- all understood

du. ~~coas~~ coas. P000001

National

Identifier

Local Identifier

Local

ID.

⇒ gets back to local responsibility.

"Security" + Persistence

requires at least two maybe three UID's

⇒ a Rosetta Stone Approach.

Annex - What is the difference between 'Name' and 'Title'?

Appellation:

↳ includes IDs.

All part of Identification.

⇒ How many names do we need to capture identities and differential analysis.

⇒ An accumulated evidence profile that eventually establishes

Names - are weak identifiers but necessary.

(20)

Day 1/20

27 5 2018

ICAD-EGAD

In the Ontology

- The Goals Types = Classes

Agent Type - Comment is  
restricted to Human Agent  
Things - includes ~~the~~  
non human that act on behalf  
of humans.

'Drones'

'Software Agents'

and all sorts of other things

It will be interesting to know  
how far we, as a community  
extend this  $\Rightarrow$  it is actually  
an increase with though for  
many instances in the context  
it will be relatively limited

Dates - first off in our Index bulletin  
- second dates in relationships

Daniel needs a volunteer to  
- describe all the date types  
at the Agent level, some for  
record, record set.

DAY 1/21

(21)

27 5 2015

## ICAO - EGAD

We have the challenge with  
the notion of the <sup>data</sup> process  
that happens in layers.

Date or Dates - which  
do we use as a label -  
- We asked for the singular!  
(Date as in Agent Type).

⇒ We need an open list  
that sticks into all the  
ones are important to us.

Re-think 'Legal Status'

as 'Classification'

⇒ a sub-type - in Ontologies.

NPO, Pty Ltd,

'Operational Classification'

'Operational Category'

⇒ 'Operational Status'  
Type.

Corporate Body - NPO

" " - Pty Ltd.

\* Could become the basis of a rule  
that determines when a <sup>new</sup> entity  
should be created.

(22) DAY 1 / 22

27 5 2015

ICAO-EGAD

\* Harm - I think this works  
with units as but also works  
with local types and labels  
that are contextually defined.

Viter is not been or users Type  
for legal labels!  
But classification used more generally  
in a problem

(this is a strong one - it is  
not in relation to records)

Rule - Do not keep a name, if  
we change the meaning  
⇒ If we introduce a fresh idea  
we have a new name.

Result: Leave in legal labels  
but we need to equip the region for  
establishes for classification framework.

Aim / Goal - To help differentiate  
different types of Agent.

hunch

DAY 1/23

(23)

27 5 2015

ICAO-ECAD ROMANIA

HISTORY: Non-controversial  
Prose or Chronological list -  
Concise Statement (Why are things  
in this set?)

CIGWORLD CONTEXT

A broader history and again  
Prose and/or Chronological list  
- This could include a significant  
of shared context with other  
entities

- And this would be brought  
out as another related thing  
in particular a common  
resource.

• A sense that the word  
'historical' is ~~quite~~ redundant  
and there was agreement on  
this

With regards to all these notes

- will this create confusion as  
to where data goes?

And so what is the purpose and  
what is the principle on which  
this history is based.



(24) DAY 1/24.

27 5 2015

ICAO-ECAO

For me it is the explicit narrative  
that conveys a relationship  
which is the 'data' form  
of the same knowledge.

Why is the Shared Properties  
implicitly only refers  
to Entities and not  
relationships

Flower and others are thinking  
about the where a 'Node' goes  
- at the Entities level  
or with the Relationship  
or both.

Looking at wrapper to bundle  
things together.

like it as not someone is going to  
try to express this in XML  
so why not just it.

ICAO - EGAD  
General Council

DAY 1 / 25

[Note (overview)]

27 5 2015 (25)

[Agent - Record.  
[Note (overview)]]

Agent #1 - Record #1  
[Note]

Agent #2 - Record #1  
[Note]

etc

Services to the Public  
- This is a function. / Activities  
service provision / Policies

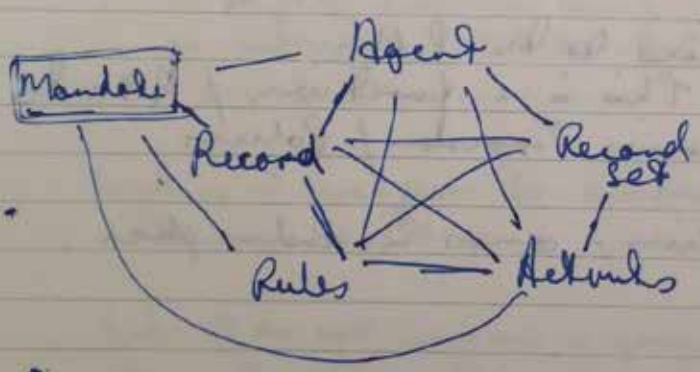
Location - comes in under place.

(26) DAY 1/26  
1640-6440

27 5 2015

Agent Skills not sure  
Record when Mandate &  
Record Set Purpose  
Rules/Standards  
Activities

We need to look at FOAF  
and Schema.org and make  
sure we know things map  
to these.



Day 1/27  
27 5 2015 (27)

ICAO-6440

Web not as a place - but  
as a site of data about  
something

- a delivery mechanism  
(an address)

- Does the web page - a resource  
(not a location)  
- a service to the public  
- an information source.

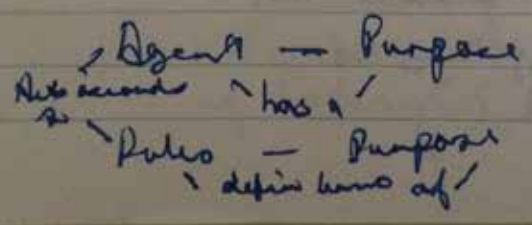
So location - Place  
- Content Informator:  
(Postal, Email, Fax, Phone,  
Web contact form)

Purpose - as Goals

What would one look like:

Name: To heal the sick  
↳ for Doctor.

Name: To educate teenagers  
↳ for Secondary & Schools



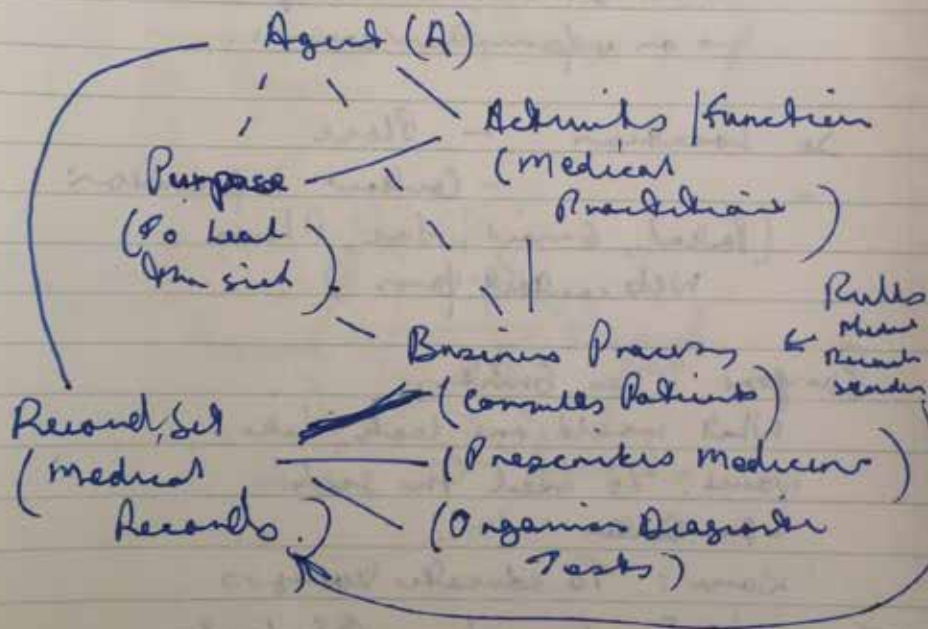
28

DAY 1/20

27 5 2015

ICAD - ECAD

- Activities - Runs Hospital  
 - Provides diagnostic services  
 - (Consults patients)  
 - Runs a medical practice  
 - Medical Practitioner



So where does mandate sit  
 (is this just getting too complicated?)

DAY 1/29

27 S 2015

(29)

ICAD-EGAD

Archives - The Digital Deluge

↳ we do not have say in what is going on and deal with what is coming at them.

So we need to get involved earlier

- So if we can give them  
Agreed - & Alerts - date and  
information - This will  
help.

- So Paper was SAC to map  
the contemporaneous world.

- He was told by his lawyer.

NARA - has a Mandate but no  
Authority to act to deal with  
the stuff that was going to  
come under their jurisdiction.

- but they now have a role  
in the US Public Service in

- Record keeper.

- The had in the Department  
of Defense.

(30) DAY 1/30

27 5 2015

1QAD-6QAD

Lesson 8 7p

Page 7 - Relationships

What is that

- But we can have sub-properties

What is the purpose of having  
context of relationships?

- (1) To apply filters to analyze  
the graph and reduce  
complexity to reveal  
connectivity
- (2) To assist users change  
through time
- (3) To assist users geographical  
location
- (4) To combine (2) + (3)
- (5) To reveal hierarchies  
and structural relations
- (6) To reveal genealogical  
connectivity.

Also Daniel has another set of  
primaries

DAY 1/31 (31)  
27 5 2015

ICAD-64A0

Belongs to a class - relationship - Has an Agent (which could be another class/function, profile of type.)

Tense	Name.
is	associated with
was	
has	member of
had	
	direct of
	subordinate of body of
	subordinate body

Cardinality - directionality

We got onto Page 8  
at 6 pm

We need to be precise about  
our definitions

Agent (A) has (Relationship(1)) with Agent (B)  
a Dependency