Accountability Tools

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Tabulator
Tabulator

- Available in Firefox Extension and Online flavors
- Avoids RDF jargon in your face
- Looks up data on the web and follows links
- Can do SPARQL Queries
- Can Modify existing data, and also add new data
- Can be customized for application specific tasks
Can Vary the views of data

1. About the Document
2. Under the Hood
3. Data View
4. RDF/N3 View
5. RDF/XML View
6. Explanations View
7. Lawyer's View
Outline Pane
Explanations Pane

Complaint On Sam is non compliant with MITProx Card Policy

More Information  Start Over

Academic Fraud is different from a criminal activity.

Complaint On Sam was for investigating Academic Fraud and used Prox card data 1 in the investigation. Such data usage may only justify an adverse consequence in a criminal investigation.

Premises:

| Charge Event Complaint On Sam | subClassOf charged With complaint type  
|-------------------------------|----------------------------------------|
| Prox card data 1 charged With complaint | subPropertyOf evidence type transitiveProperty data  
| data evidence                  |                                       |
| Use Event Academic Fraud complaint 1 Charge Event Prox Card Event purpose data | Prox card data 1 TransitiveProperty data |
**Issue:**
Whether the transactions in log comply with MITprox Card Policy

**Rule:**
Prox card data can only be used for the basis for an adverse consequence in a criminal investigation.

**Facts:**
- Complaint On Sam was for investigating Academic Fraud and used Prox card data in the investigation. Such data usage may only justify an adverse consequence in...

**Analysis:**
Academic Fraud is different from a criminal activity.

**Conclusion:**
The transaction - Complaint On Sam is non compliant with MITprox Card Policy
Social Pane
Editing documents in browser

Click this to add new data to this subject
Policy Parser
Policy Parser

- Three major components: parser, interpreter and RDF generator
- Has specific formats that it understands
Structure of the Input

subject mod action [object] [secondary_object] [for/to purpose] [if condition (and condition)*]

- subject: The main actor or entity who carries out an action
- mod: The modality of the rule (i.e., whether the subject is allowed or disallowed to perform the specified action under the specified constraints, expressed using words such as "can", "cannot" etc.)
- action: The action performed by the subject
- object: The object on which the action is performed (when "action" is a transitive verb)
- secondary object: the secondary object for the action (applicable only if "action" is a ditransitive verb)
- purpose: an (optional) purpose for which the action is performed
- condition: an (optional) condition (or set of conditions) under which the rule is applicable
What’s Next?
Is this document transfer policy compliant?

UI

Send document(s) confidential.pdf
Attach another

To:
suspicious@thug.com

1. Extract document metadata
2. Identify the recipient
3. Grab information about the recipient from relevant sources

Policy

- Allow transfer of PII to DHS Center X
- Recipient must be a US person

AIR Reasoner

Facts / Log
Questions?

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