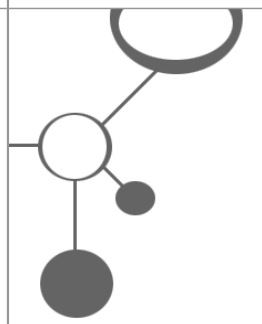
AsTMa= v2.0

Authoring Topic Maps



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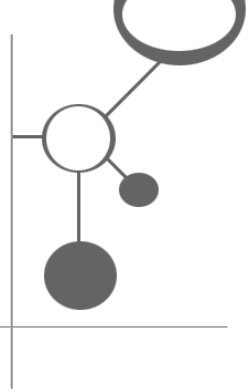
TMRA'05 · Open Space Session · 07.10.2005

Defining a topic



Three possibilities:

- by identifier:

```
JohnLennon
  tn: John Lennon
```

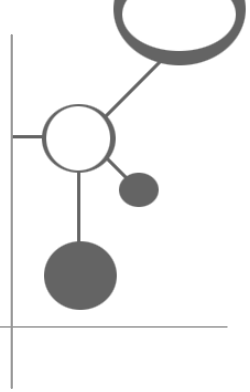
- by subject locator:

```
http://beatles.com/
      tn: The official The Beatles site
```

- by subject identifier:

```
i‘http://beatles.com/
      tn: The Beatles
```

Defining an association



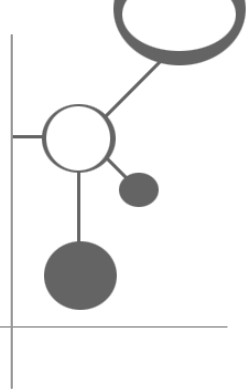
- General:

```
(assoc-type)
role-type: role-player
```

- Example:

```
(membership)
member: john paul ringo george
```

Association Templates



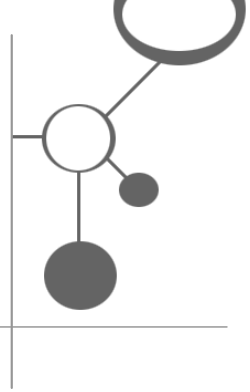
- One of the most powerful features of AsTMa=

```
[(born-in)
  bio-entity: http://astma.it.bond.edu.au/authoring/psi/1.0#left
  place: http://astma.it.bond.edu.au/authoring/psi/1.0#right
]
```

  - Named association templates

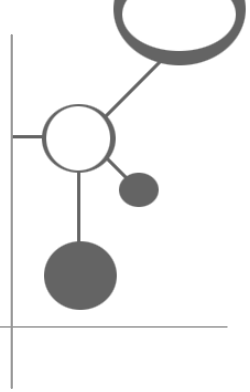
```
born-in =  [(i‘http://psi.example.org/born-in )
             …  ]
```

Applying an assoc. template



```
JohnLennon is-a person born-in Liverpool
  tn: John Lennon
  var @sort: lennon, john
  ex (website): http://johnlennon.com
  in @en (descr): John Lennon was …
```

Additional information



- AsTMa= v2.0 will has directives like LTM for prefixes, include etc.
- AsTMa= v2.0 specification is not finalized
- An AsTMa= parser in Java for TMAPI is written (will be OpenSource)
  Alpha version on request:
  <heuer@semagia.com>
- http://astma.it.bond.edu.au/