

# PGS

(Pretty Good Semantics)

## Adding Properties

Review:

A set of IRIs:

```
<meta scheme="pgs" name="i" value="[IRI]"/>
```

New:

IRI in set matches document where it appears: Meta properties in that document are properties of the entity the IRI identifies.

Example:

```
<meta scheme="pgs" name="i" value="http://www.freebase.com/view/m/08tssl  
http://www.durusau.net/publications/themark.html"/>
```

Where

<http://www.durusau.net/publications/themark.html> is the IRI of the HTML document in which the meta element appears.

Semantics: Meta properties in that document are properties of the identified entity.

Declare some properties for this entity:

(Property schemes are declared by users.)

```
<meta scheme="http://en.wikipedia.org"  
name="http://en.wikipedia.org/wiki/Genre" value=  
"inane"/>
```

The entity with <http://www.freebase.com/view/m/08tssl> as an identifier, now has my my genre property of "inane." (Because the identifiers have been declared to be equivalent.)

A user can create a page identifying any entity, map a public identifier such as from Freebase.com or Subj3ct.com **to their IRI, then add their properties for that entity.**

Objection: But what about "trust?"

Answer: Would you have unprotected sex with anyone who asked you?

I would trust properties on medical entities from IRIs ending in mayoclinic.com more than youfool.com. So should you.

## Advantages:

- 1) Distributed: Declaration made at each document.
- 2) Locality: Declaration made by document author.
- 3) No 303 overhead or single point of failure.
- 4) Works with standard web search engines
- 5) Works with standard web servers
- 6) Re-uses standard HTML
- 7) NO KNOWN IP CLAIMS (to us anyway)

Pretty Good Semantics (PGS) brought to you by:

### **Topic Map Mercenaries**

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### **Topic Maps: Weapons Grade IT**

**If you can see it, you can identify it.**

**If you can identify it, you can map it.**

**If you can map it, you can hit it.**

If you can hit it, ... (well, you know the rest)