

Jakub Jaśkowiec
Michał Pieróg

Gr. środa 17:00

Podstawy Inżynierii Wiedzy

SemanticWeb – sprawozdanie 6

2. Semantic MediaWiki - Categories

2.4

<http://loki.ia.agh.edu.pl/smw/index.php/Piw2012/group1700/jjaskowiec>

[[Category:Student]]

My name is Kuba. I am 22 years old.
Currently I study at AGH UST, faculty of electrical engineering.
I belong to group SR1700. The other members of my group are:

2.6

<http://loki.ia.agh.edu.pl/smw/index.php/AGH-UST/Subjects/semantic-web>

[[Category:University subject]]
Semantic Web

3. Semantic MediaWiki - Properties

3.1

<http://loki.ia.agh.edu.pl/smw/index.php/Piw2012/group1700/jjaskowiec>

[[Category:Student]]

My name is [[Name::Kuba]]. I am [[Age::22]] years old.
Currently I study at AGH UST, faculty of electrical engineering.
I belong to group [[Group::SR1700]]. The other members of my group are:

3.2

<http://loki.ia.agh.edu.pl/smw/index.php/AGH-UST/Subjects/semantic-web>

[[Category:University subject]]

lead by: [[lead by::WTA]]
room: [[room::C3 201]]

duration: [[duration::90]] min

4. Semantic MediaWiki - Inline queries

4.2

<http://loki.ia.agh.edu.pl/smw/index.php/Piw2012/group1700/jjaskowiec>

```
{{#ask: [[Category:Student]] [[Group::SR1700]]
| ?Name
| format=ul
}}
```

4.3

<http://loki.ia.agh.edu.pl/smw/index.php/Piw2012/group1700/jjaskowiec>

```
{{#ask: [[Category:Student]] [[Group::SR1700]]
| ?Name
| ?Age
| sort=Age,Name
| format=table
| default=puste
}}
```

6.1 Movie recommendation system

1) <http://loki.ia.agh.edu.pl/lokidev/movies:snatch>

```
[[category:movie | ]]
```

```
**Title**: [[title:=Snatch]]
```

```
**Genre**: [[genre::genres:comedy]], [[genre::genres:thriller]]
```

```
**Production year**: [[production_year:=2000]]
```

```
**Production country**: [[produced_in_country::countries:USA]]
```

```
**Screenplay**: [[screenplay::persons:guy_ritchie|Guy Ritchie]]
```

```
**Director**: [[directed_by::persons:guy_ritchie|Guy Ritchie]]
```

```
**Cast**:
```

```
[[main_role::persons:jason_statham|Jason Statham]] -
```

```
[[main_character::characters:turkish|Turkish]]
```

```
[[supporting_role::persons:stephen_graham|Stephen Graham]] -
```

[[supporting_character::characters:tommy|Tommy]]

[[supporting_role::persons:alan_ford|Alan Ford]] -
[[supporting_character::characters:brick_top|Brick Top]]

[[supporting_role::persons:vinnie_jones|Vinnie Jones]] -
[[supporting_character::characters:bullet_tooth_tony|Bullet Tooth Tony]]

****Setting**:** [[setting::city:Antwerp]], [[setting::city:London]]

****Language**:** [[language:=English]]

2) http://loki.ia.agh.edu.pl/lokidev/persons:jason_statham

[[category:actor|]]

Jason Statham (born [[birth_date:=12.09.1969]]) is an English actor and former diver, known for his roles in the [[persons:guy_ritchie|Guy Ritchie]] crime films Revolver, [[movies:snatch|Snatch]] and Lock, Stock and Two Smoking Barrels. Statham appeared in supporting roles in several American films, such as The Italian Job, as well as playing the lead role in The Transporter, Death Race, Crank, The Bank Job and War (opposite martial arts star Jet Li). Statham also appeared alongside established action film actors Sylvester Stallone, Arnold Schwarzenegger, Bruce Willis, Jet Li and Dolph Lundgren in The Expendables. He usually performs his own fight scenes and stunts.

From:

http://en.wikipedia.org/wiki/Jason_Statham

3) http://loki.ia.agh.edu.pl/lokidev/persons:guy_ritchie

[[category:director|]]

Guy Stuart Ritchie (born [[birth_date:=10.09.1968]]) is an English screenwriter and film maker best known for directing Lock, Stock and Two Smoking Barrels, [[movies:snatch|Snatch]], Revolver, RocknRolla and Sherlock Holmes and its sequel.

From:

http://en.wikipedia.org/wiki/Guy_Ritchie

7. Loki - Semantic Web Standards

<http://loki.ia.agh.edu.pl/lokidev/user:mp>

```
<pl format="sparql">
PREFIX wiki: <>
SELECT ?movie ?title ?director
WHERE {
  ?movie category "movie".
  ?movie wiki:title ?title.
  ?movie wiki:genre ?genre.
  ?movie wiki:directed_by ?director.
  FILTER (?genre = "genres:comedy")
}
```

</pl>

8. Loki – Reasoning

<http://loki.ia.agh.edu.pl/lokidev/user:mp>

Films directed by [[persons:guy_ritchie|Guy Ritchie]] or [[persons:steven_spielberg|Steven Spielberg]]: \\

```
<pl goal="wiki_category(X,'movie'), wiki_attribute(X,'title',Title),  
wiki_relation(X,'directed_by','persons:guy_ritchie'), write(Title), nl, fail;  
wiki_category(X,'movie'), wiki_attribute(X,'title',Title),  
wiki_relation(X,'directed_by','persons:steven_spielberg'), write(Title), nl, fail." scope="movies" >
```

</pl>