

Semantic MediaWiki - Categories

My name is Darek. I am 23 years old.
Currently I study at AGH UST, faculty of Information Technology.
I belong to group 14:00 tuesday. The other members of my group are: Jakub Kozik
[[Category:Student]]

<http://loki.ia.agh.edu.pl/smw/index.php/Piw2012/group1400/dgruca>

Przedmiot to Podstawy inżynierii wiedzy.

[[Category:University subject]]
<http://loki.ia.agh.edu.pl/smw/index.php/AGH-UST/PIW/piwSW>

Semantic MediaWiki - Properties

My name is [[Name::Darek Gruca]]. I am [[Age::23]] years old.
Currently I study at AGH UST, faculty of Information Technology.
I belong to group [[Group::1400]] tuesday. The other members of my group are: Jakub Kozik
[[Category:Student]]

Przedmiot to Podstawy inżynierii wiedzy.
Prowadzony przez: [[lead by::prof Ligeza]]
W sali: [[room::B1 121]]
Trwa: [[duration::90]] min
[[Category:University subject]]

Semantic MediaWiki - Inline queries

```
{{#ask: [[Category:Student]] [[group::group1400]]  
| ?name  
| format=ul  
}}
```

```
{{#ask: [[Category:Student]] [[group::group1400]]  
| ?Name  
| ?Age  
| sort=Age,Name  
| order=asc,asc  
| default=0  
| format=table  
}}
```

Loki - Use Cases

Copy the wiki pages sources and paste them into the

report<http://loki.ia.agh.edu.pl/smw/index.php/movie/KrolLew>

```
[[Category:movie]]
```

```
= The Lion King =
```

```
== Storyline ==
```

```
The Lion King is a [[release date::1994]] ([[country::USA]]) American animated musical
adventure [[type::film]] produced by Walt Disney Feature Animation and released by Walt
Disney Pictures. It is the 32nd feature in the Walt Disney Animated Classics series.
The story takes place in a kingdom of anthropomorphic lions in Africa, and was
influenced by the biblical tales of Joseph and Moses, and the William Shakespeare plays
Hamlet and Macbeth. The film was produced during a period known as the Disney
Renaissance. Directed by [[directed::Roger Allers]] | [[directed::Rob Minkoff]].
Language: [[language::English]]&#x2013; [[language::Polish]]
[[category: movie]]
```

http://loki.ia.agh.edu.pl/smw/index.php/person/Roger_Allers

```
Name: [[name:= Roger Allers]] (born [[birth_date:= 1949]] in Rye, New York) is an
Oscar-nominated American film director, screenwriter, storyboard artist, animator and
Tony-nominated playwright. He is most well known for directing the highest-grossing 2D
animated film of all time, The Lion King, for Disney, and for writing the Broadway
adaptation, The Lion King.
```

```
[[Category:actor]]
```

Loki - Semantic Web Standards

Wyświetla wszystkie filmy które powstały po 2000 rokiem których reżyserem jest Guy Ritchie, wyświetlamy tylko 10.

```
<pl format="sparql">
PREFIX wiki: <>
SELECT ?Title ?production_year ?Director
WHERE {
?movie category "movie".
?movie wiki:title ?Title.
?movie wiki:production_year ?production_year.
?movie wiki:Director ?Director.
FILTER (?production_year > "2000" && ?Director = "Director:Guy Ritchie ")
}
ORDER BY DESC(?production_year)
LIMIT 10
</pl>
```

Loki - Reasoning

Wyświetla wszystkie filmy powstałe w 2010 roku

```
<pl  
goal="wiki_category(X,'movie'),  
wiki_attribute(X,'title',Title),  
wiki_relation(X,'production_year','production_year:2010'),  
write(Title), nl, fail."  
scope="movies" >  
</pl>
```