



Semantic Web Applications: Semantic Wikis
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Semantic MediaWiki - Categories

<http://loki.ia.agh.edu.pl/smw/index.php/Piw2012/group1600/asobol>

```
My name is Aleksander Sobol. I am 22 years old.  
Currently I study at AGH UST, faculty of electrical engineering.  
I belong to group 16:00. The other members of my group are: Marta Drabarczyk, Kacper Zaber.  
[[Category:Student]]
```

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

```
[[Category: University subject]]
```

Semantic MediaWiki - Properties

```
My name is [[Name::Aleksander Sobol]]. I am [[Age::22]] years old.  
Currently I study at AGH UST, faculty of electrical engineering.  
I belong to [[group::group1600]]. The other members of my group are: Marta Drabarczyk,  
Kacper Zaber.  
[[Category:Student]]
```

```
lead by: [[lead by::dr inż. Rafał Mrówka]]  
room: [[room::B4 116h]]  
duration: [[duration::90]] min  
[[Category: University subject]]
```

Semantic MediaWiki - Inline queries

```
{{#ask: [[Category:Student]] [[group::group1600]]  
| ?name  
| format=ul  
}}
```

```

{{#ask: [[Category:Student]] [[group::group1600]]
| ?Name
| ?Age
| sort=Age,Name
| order=asc,asc
| default=0
| format=table
}}

```

Loki - Use Cases

6.2 Geographic Wiki

<http://loki.ia.agh.edu.pl/lokidev/country:poland>

Poland is [[category:country]] in central Europe bordered by [[country:germany|Germany]] to the west; the [[country:czechrepublic|Czech Republic]] and [[country:slovakia|Slovakia]] to the south; [[country:ukraine|Ukraine]], [[country:belarus|Belarus]] and [[country:lithuania|Lithuania]] to the east; and Kaliningrad Oblast, a [[country:russian|Russian]] exclave, to the north. Capital city of Poland is [[capital::city:warsaw|Warsaw]].

<http://loki.ia.agh.edu.pl/lokidev/city:przemysl>

Przemysł is a [[category:city]] in south-eastern [[country:poland|Poland]] inhabited by [[inhabited by:=population:=66 760]] people. Przemysł is a part of the [[part of::voivodeships:podkarpackie|Podkarpackie voivodeship]].

Loki - Semantic Web Standards

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

Filmy wyprodukowane w Polsce przed 2008 rokiem

```

<pl format="sparql">
PREFIX wiki: <>
SELECT ?Title ?production_year ?Country
WHERE {

```

```
?movie category "movie".
?movie wiki:title ?Title.
?movie wiki:production_year ?production_year.
?movie wiki:produced_in_country ?Country.
FILTER (?production_year < "2008" && ?Country = "countries:Poland")
}
ORDER BY DESC(?production_year)
</pl>
```

Rekomendacja filmów przygodowych

```
~~NOCACHE~~
<pl goal="wiki_category(X,'movie'), wiki_attribute(X,'title',Title),
wiki_relation(X,'genre','genres:adventure'), write(Title), nl, fail." scope="movies" >
</pl>
```