

Kde všade v okolí sú LinkedData?

...alebo otvorené dáta?

Michal Barla

Microdata & microformats prakticky

Black Books (TV Series 2000–2004) - IMDb

www.imdb.com/title/tt0262150/ ▼

★★★★★ Rating: 8.7/10 - 27,671 votes

Bernard **Black** runs his own bookshop even though he doesn't much like people who buy **books** and hates having customers. Next door to Bernard's shop is the ...

[Episodes](#) - [Full Cast & Crew](#) - [Trivia](#) - [Awards](#)

- Microdata embedované vo vašej stránke
 - slovník zo schema.org (spolupráca Google, Bing, Yahoo, Yandex)
- Open Graph Protocol od Facebooku
- Twitter card data

Microdata + schema.org slovník

```
<div itemscope itemtype ="http://schema.org/Movie">
  <h1 itemprop="name">Avatar</h1>
  <div itemprop="director" itemscope
itemtype="http://schema.org/Person">
    Director: <span itemprop="name">James
Cameron</span> (born <span
itemprop="birthDate">August 16, 1954)</span>
  </div>
  <span itemprop="genre">Science fiction</span>
  <a href=" ../movies/avatar-theatrical-trailer.html"
itemprop="trailer">Trailer</a>
</div>
```



Microdata + schema.org slovník

```
<div itemscope itemtype = "http://schema.org/Movie">
  <h1 itemprop="name">Avatar</h1>
  <div itemprop="director" itemscope
itemtype="http://schema.org/Person">
    Director: <span itemprop="name">James
Cameron</span> (born <span
itemprop="birthDate">August 16, 1954)</span>
  </div>
  <span itemprop="genre">Science fiction</span>
  <a href="../../movies/avatar-theatrical-trailer.html"
itemprop="trailer">Trailer</a>
</div>
```



Microdata + schema.org slovník

```
<div itemscope itemtype = "http://schema.org/Movie">
  <h1 itemprop="name">Avatar</h1>
  <div itemprop="director" itemscope
itemtype="http://schema.org/Person">
    Director: <span itemprop="name">James
Cameron</span> (born <span
itemprop="birthDate">August 16, 1954)</span>
  </div>
  <span itemprop="genre">Science fiction</span>
  <a href=" ../movies/avatar-theatrical-trailer.html"
itemprop="trailer">Trailer</a>
</div>
```



Čo všetko sa takto dá uverejniť

- ▶ Product
- ▶ Place
- ▶ Person
- ▶ Organization
- ▶ MedicalEntity
- ▶ Intangible (nehmotné – napr. ponuka, objednávka, služba, hodnotenie...)
- ▶ Event
- ▶ CreativeWork (článok, film, fotka, hudba, ...)
- ▶ Akcia



OpenData vs LinkedData

- OpenData môžem publikovať v rôznych formátoch
- Ak sa rozhodnem pre linkované RDF, tak mám tzv. 5 hviezdičkové dáta
- Aktuálna téma pre veľa štátov sveta
 - Ktoré pristúpili k OGP iniciatíve

Katalógy

- Vyhľadávanie v datasetoch
- Topics, kategórie, formáty, mapa, ...
- <http://data.gov.sk/>, <http://data.gov.uk/>,
<https://www.data.gov/>

otevrenadata.cz

- V ČR sú legislatívne pozadu
- A v praxi popredu
- <http://vysledkykontrol.cz/>
- <http://lekovaencyklopedie.cz/>
- <http://www.justinian.cz>
- <http://opendata.cz/linked-data>