IEPS Poročilo 2 - Ekipa "Vipavska Burja"

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1 Izbrana stran

Za svoj primer smo si izbrali spletno stran: avto.net (seznam oglasov) Primer iz seznama in prikaz podatkovnih polj:



2 Implementacije

2.1 Seznam regularnih izrazov, za ekstrakcijo podatkov iz spletnih strani

2.1.1 rtvslo.si

```
<div class=\"author-name\">([^<]*)</div>
<div class=\"publish-meta\">([^/]*)</div>
<h1>([^<]*)</h1>
<div class=\"subtitle\">([^<]*)</div>
class=\"lead\">([^<]*)</p>
<article[^>]+?> (?=.)|(?=<p[^>]*>\s*(.*?)<\/p>)|(?=.) <\/article>
```

2.1.2 overstock.com

```
<a href=\"http:\/\/www\.overstock\.com\/cgi-bin\/d2\.cgi\?PAGE=PROFRAME&amp;PROD_ID=[0-9]+\"><b>([^<]*)<\/b><\/a>
<s>([^<]*)
<span class=\"bigred\"><b>([^<]*)
<span class=\"littleorange\">([^<]*)<\/span>
<span class=\"normal\">([^<]*)<br>
```

2.1.3 avto.net

```
<div class=\"GO-Results-Naziv bg-dark px-3 py-2 font-weight-bold text-truncate text-whitetext-decoration-none\">[\n\r\s]+
<span>([^<]*)<\/span>
([^<]*)<\/td>

Prevoženih<\/td>[\n\r\s]+([^<]*)<\/td>

Gorivo<\/td>[\n\r\s]+([^<]*)<\/td>

Menjalnik<\/td>[\n\r\s]+([^<]*)</td>

Motor<\/td>[\n\r\s]+([^<]*)</td>
```

```
<div class=\"d-none d-sm-block col-auto px-sm-0 pb-sm-3 GO-Results-PriceLogo\">[\n\r\s]+<!--(?:.*?)-->[\n\r\s]+
<!--(?:.*?)-->[\n\r\s]+
<!--(?:.*?)-->[\n\r\s]+
<!--(?:.*?)-->[\n\r\s]+<!--(?:.*?)-->[\n\r\s]+
<div class=\"GO-Results-Price-Mid\">[\n\r\s]+<div class=\"GO-Results-Price-TXT-Regular\">([^<]*)<\/div>
```

2.2 Seznam XPath izrazov, za ekstrakcijo podatkov iz spletnih strani

2.2.1 rtvslo.si

string(/html/body/div[@id="main-container"]/div[3]/div/div[1]/div[1]/div)

string(/html/body/div[@id="main-container"]/div[3]/div/div[1]/div[2])

string(/html/body/div[@id="main-container"]/div[3]/div/header/h1)

string(/html/body/div[@id="main-container"]/div[3]/div/header/div[2])

string(/html/body/div[@id="main-container"]/div[3]/div/header/p)

/html/body/div[@id="main-container"]/div[3]/div/div[2]/descendant::p/text()[not(ancestor::script)]

2.2.2 overstock.com

/ thml/body/table[2]/tbody/tr[1]/td[5]/table/tbody/tr[2]/td/table/tbody/tr/td/table/tbody/tr/td/a/b

/html/body/table[2]/tbody/tr[1]/td[5]/table/tbody/tr[2]/td/table/tbody/tr/td/table/tbody/tr/td/table/tbody/tr/td[1]/table/tbody/tr[1]/td[2]/s

 $/\label{thm:loody/table} $$ \int_{\mathbb{R}^2} tbody/tr[1]/td[5]/table/tbody/tr[2]/td/table/tbody/tr/td/table/tbody/tr/td/table/tbody/tr/td[1]/table/tbody/tr[1]/td[2]/s $$$

 $/\label{thm:cody/table} $$ \int_{\mathbb{R}^2} t \log r \left[1 \right] t d[5] t d[$

/html/body/table[2]/tbody/tr[1]/td[5]/table/tbody/tr[2]/td/table/tbody/tr/td/table/tbody/tr/td/table/tbody/tr/td[2]/span(1)/td/table/tbody/tr/td/table/tbody/table/tbody/tr/td/table/tbody/table/tbody/table/tbody/table/tbody/table/tbody/table/table/tbody/table/tab

2.2.3 avto.net

/html/body/strong/div[1]/div[3]/div/div[5]/form/div/div[1]/span

/html/body/strong/div[1]/div[3]/div/div[5]/form/div/div[4]/div/table/tbody/tr[1]/td[2]

 $\label{lower_strong_div_1_div_3_div_div_5_form_div_div_4_div_1_div_table_tbody_tr_2]_td_{2}} \\ / ttm_body_strong_div_{1}^div_{3}^div_{4}^div$

/html/body/strong/div[1]/div[3]/div/div[5]/form/div/div[4]/div/table/tbody/tr[3]/td[2]

/html/body/strong/div[1]/div[3]/div/div[5]/form/div/div[4]/div/table/tbody/tr[4]/td[2]

/html/body/strong/div[1]/div[3]/div/div[5]/form/div/div[4]/div/table/tbody/tr[5]/td[2]

/html/body/strong/div[1]/div[3]/div[5]/form/div/div[contains(@class, "GO-Results-PriceLogo")]/div[1]/div[1]/div

3 Implementacija avtomatske ekstrakcije

Za avtomatsko ekstrakcijo smo se odločili izdelati RoadRunner (like) algoritem. Z delom smo začeli, vendar nam naše izvedbe ni uspelo dokončati.