

Public Reference Room Web Service



Croatian Securities Commission

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CROSEC is...

- an independent agency
- responsible to Croatian parliament
- regulator of capital market in Croatia

- on-line at <http://www.crosec.hr/>

What is Public Reference Room (JIK)?

- **Information service**
of Croatian Securities Commission
(Javna informacijska knjižnica)
- **Data source**
for investors on capital market

History of JIK

- Desktop application (VB/JET)
 - 1999. Željko Strunjak, ZAP
- Web application (ASP/JET)
 - 2000. Planet Sustavi d.o.o.
- Web service (ASP/XML)
- Smart Tag (VB/Office XP)
 - 2001.
Antonio Priščan, **CROSEC**
Krunoslav Pisačić, **Ring**
Branimir Grilec, **ECS**

Users

- Croatian National Bank
- Croatian Privatization fund
- Central Depository Agency
- Croatian Chamber of Economy
- insurance companies
- investment funds
- brokers
- individual investors
- banks
- magazines



BANKA MAGAZIN

JIK web service

- <http://www.crosec.hr/jik/webservice.asp>
- input: tax number (MB) and period
- output: XML file

- e.g.
<http://www.crosec.hr/jik/webservice.asp?sifra=0901717>
- or
<http://www.crosec.hr/jik/webservice.asp?sifra=1454935&period=2000-03>

XML files...

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<?xml version="1.0" encoding="windows-1250" ?>
- <TVRTKA>
  <MATBROJ>1454935</MATBROJ>
  <NAZIV>LURA PREHRAMBENA INDUSTRIJA D.D.</NAZIV>
  <TIP ID="101">Dioničko društvo</TIP>
- <ADRESA>
  <ULICA_BR>ULICA GRADA VUKOVARA 271</ULICA_BR>
  <MJESTO ZIP="10000">ZAGREB</MJESTO>
  <OPCINA>GRAD ZAGREB</OPCINA>
  <ZUPANIJA>GRAD ZAGREB</ZUPANIJA>
</ADRESA>
- <KOMUNIKACIJA>
  <TELEFON>016169700</TELEFON>
  <FAX>012392267</FAX>
  <EMAIL>brankonikolic@lurahr</EMAIL>
  <WEB_STRANICA />
</KOMUNIKACIJA>
<DJELATNOST ŠIFRA="15510">PRERADA MLIJEKA I PROIZV.
SIRA</DJELATNOST>
<DATUM_OSNIVANJA>02.08.1999</DATUM_OSNIVANJA>
- <IZVJEŠĆE RAZDOBLJE="2000-03">
  <RAZDOBLJE>2000-03</RAZDOBLJE>
  <VLASNIŠTVO>(20) - Udio privatnog kapitala više od 50%
većinskom vlasništvu domaćih pravnih osoba</VLASNIŠ
  <BROJ_PODRUŽNICA>3</BROJ_PODRUŽNICA>
  <BROJ_DJELATNIKA>1944</BROJ_DJELATNIKA>
- <UPRAVA>
  <PREDSJEDNIK>ŽELIMIR VUKINA</PREDSJEDNIK>
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  <NAZIV>RAIFFEISENBANK AUSTRIA DD-
PROLAZNI RAČUN</NAZIV>
  <TIP ID="102">Financijska institucija</TIP>
- <ADRESA>
  <ULICA_BR>PETRINJSKA 59</ULICA_BR>
  <MJESTO ZIP="10000">ZAGREB</MJESTO>
  <OPCINA>GRAD ZAGREB</OPCINA>
  <ZUPANIJA>GRAD ZAGREB</ZUPANIJA>
</ADRESA>
- <KOMUNIKACIJA>
  <TELEFON>014566466</TELEFON>
  <FAX>014811624</FAX>
  <EMAIL>rba@rba.tel.hr</EMAIL>

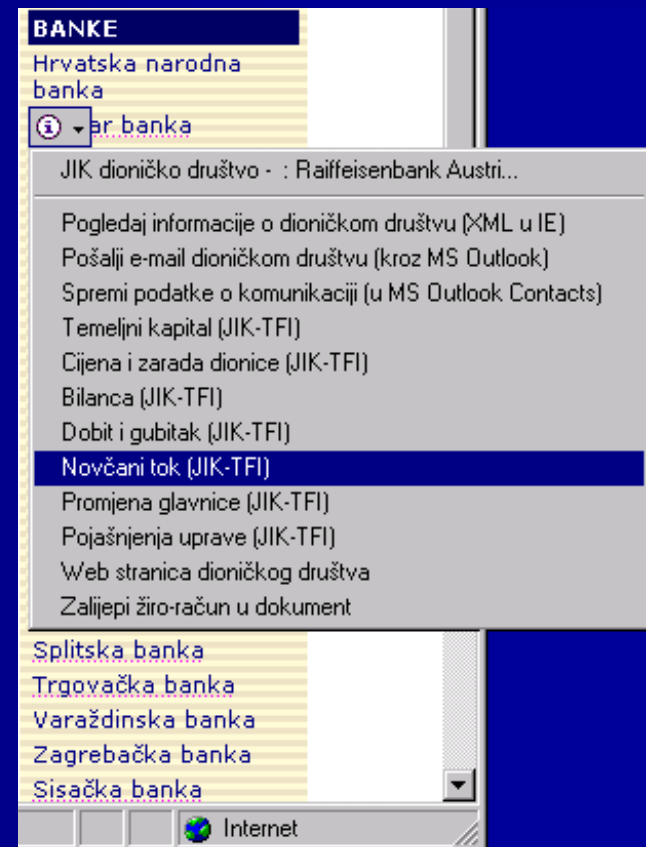
  <WEB_STRANICA>www.tel.hr/rba</WEB_STRANICA>
</KOMUNIKACIJA>
<DJELATNOST ŠIFRA="65121">POSLOVNE
BANKE</DJELATNOST>
```

... and what to do with them?

- transform (XSL) and include on web pages
(e.g. show as a reference of additional info-box...)
- use as input parameter for an Office XP Smart Tag

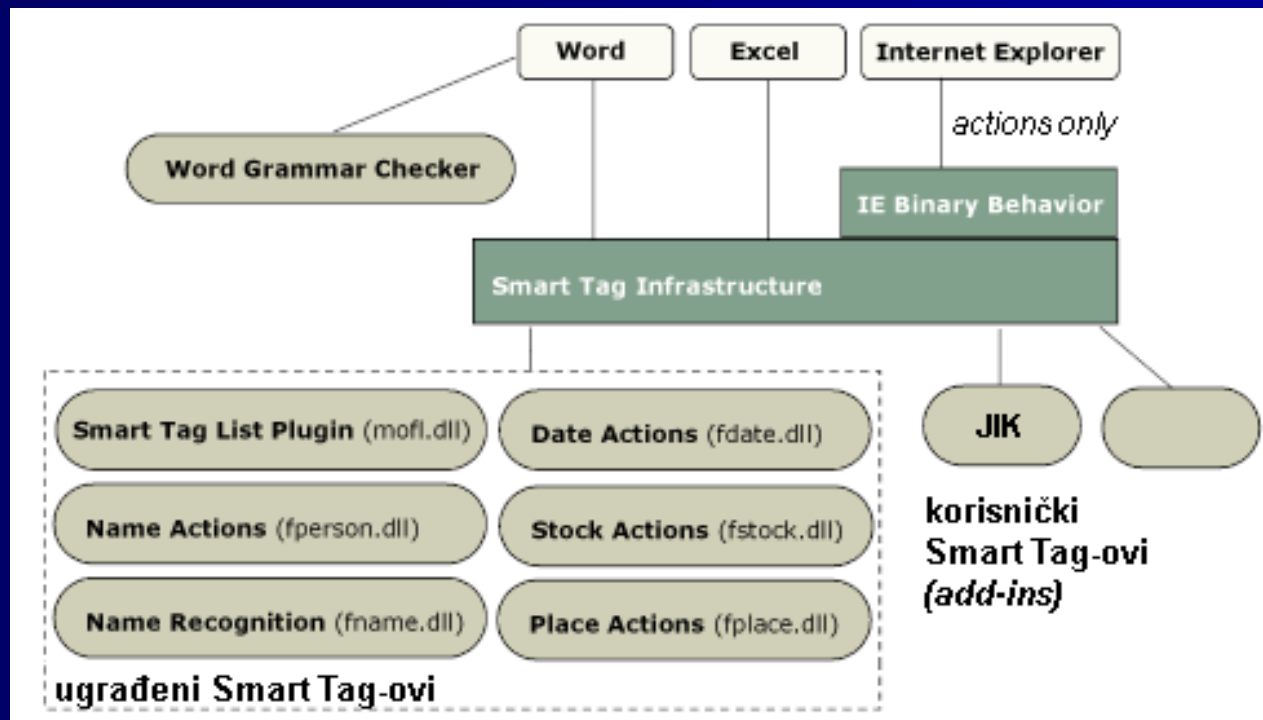
What is a Smart Tag?

- new feature of Office XP (Word, Excel, Internet Explorer)
- they are built-in...
- or user-defined...



How does a Smart Tag work?

- recognizer module
- action module



Technical prerequisites

- Office XP
- Smart Tag DLL – installed & registered
- activated options in Word or Excel (XP)
- recognized keyword in Office document
- tagged object in HTML document

JIK Smart Tag

- DEMO
 - Office XP (Word, Excel)
 - Internet Explorer

JIK Smart Tag - usage

- Vjesnik – for Microsoft *WinDays2001*
<http://www.vjesnik.hr/html/2001/09/25/Rubrika.asp?r=gos&nodyn=1>
- portals with financial information
(combining Smart Tags from various sources)
- office business i intranet

Future of Smart Tags

- Office XP is here
- web services number is rising
- .NET stil in beta
- network co-operation of information services
- bringing service to the customer
- loads of work for IT developers

Information

- Croatian Securities Commission
Bogovićeveva 1a, HR-10000 Zagreb
<http://www.crosec.hr>
- <http://www.crosec.hr/jik/>
- jik@crosec.hr