



THE VIPI LEARNING OBJECTS' REPOSITORY – SEMANTIC ENHANCEMENTS

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www.vipi-project.eu

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SEARCHING THROUGH THE REPOSITORY OF LEARNING OBJECTS



About

ViPi survey on ICT training needs for people with disabilities

The ViPi team would like to announce the release of the ViPi user requirement survey. The survey aims to assess:

- the needs of the potential ViPi community;
- the requirements for ICT training;
- what training material is currently available;
- which teaching approaches and methodologies are employed/most successful.

The survey is tailored to people with disabilities and organisations representing them, relatives, carers and trainers of people with disabilities, and also people dealing with the employment of and policy regarding people with disabilities.

While there are a high number of total questions, it will guide you to those parts of the survey which are relevant to you. The survey length varies dependent on your particular interest in the ViPi project, but should not take more than 15 minutes to complete. All personal questions are optional.



Entries RSS

SEARCH
To search, type and hit Go

FONT SIZE
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LANGUAGES
English

ACCESS TO PROJECT INTRANET
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Giorgos has a type of mobility impairment...

His search revealed the ViPi EU platform...

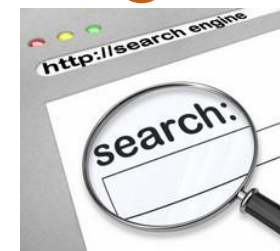
Looking at all these recent technology advances, Giorgos is very keen of obtaining good ICT skills and...why not...get a good job for living!

TRY WITHOUT SEMANTIC ENHANCEMENTS

Before taking any formal course, Giorgos decided to search within the ViPi repository of Learning Objects

Eh..ViPi, can you give me something on “*writing documents*”?

Well, yes, I have an object here that says somewhere in the content: “...you will become able of *writing documents*...”

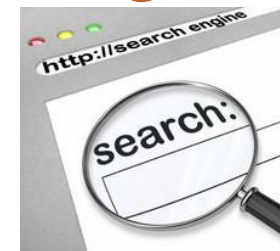


TRY WITHOUT SEMANTIC ENHANCEMENTS

Can I get something more specific...any tutorial on tools?



Hmm...I have so many objects in here, am sure I saw this somewhere, but...can you search with specific words to help me?



TRY WITHOUT SEMANTIC ENHANCEMENTS

Ok then, give
me something
about “*MS
Word*”



Bingo! Here it is. A
full tutorial on MS
Word provided by a
tutor in Limassol.

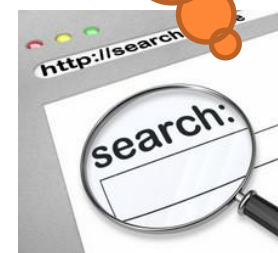


TRY WITHOUT SEMANTIC ENHANCEMENTS

Oh, thank you ViPi!
But...wait a
moment please,
this is not
accessible by my
assistive device...

What can I say...go
ahead for a new
search and write
your disability in the
text...maybe it is
mentioned in the
document...

No no thanks...am
leaving...these
things are not easy
for me... ☹



...NOW WITH SEMANTICS ENHANCEMENTS

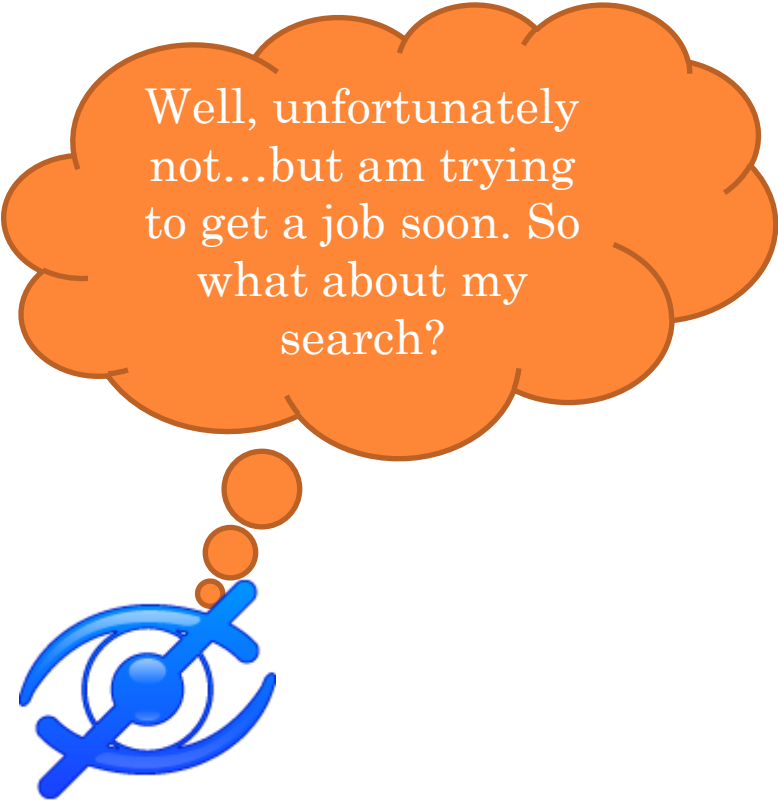
Further to enhancements developed by the ViPi team to semantically enhance the searching experience, Nicol, a young girl with vision difficulties, had a different experience...

Hi ViPi! Can you give me some learning objects about *Social Networks* ?

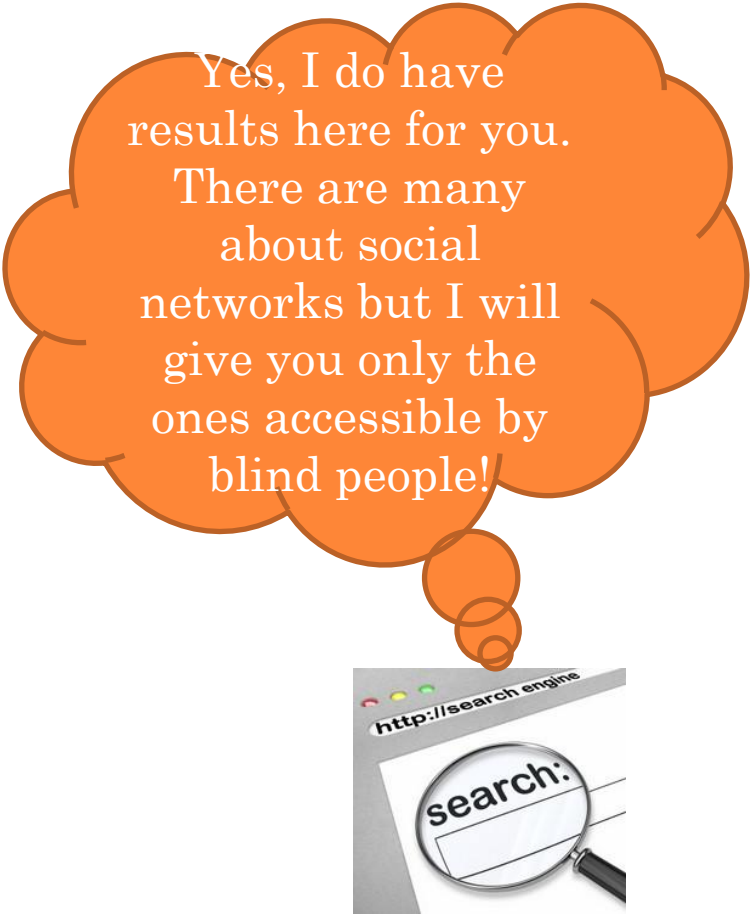
Hi Nicol, how is it going with your disability? Any positive progress with your vision?



...NOW WITH SEMANTICS ENHANCEMENTS



Well, unfortunately not...but am trying to get a job soon. So what about my search?



Yes, I do have results here for you. There are many about social networks but I will give you only the ones accessible by blind people!

...NOW WITH SEMANTICS ENHANCEMENTS

Here they are...a tutorial on facebook use, something about protecting your data in the Internet, and something on twitter!

Oh, thank you very much!! This is exactly what I wanted and even more!

My pleasure, Nicol, see you next time!



CONCLUSIONS

- Without semantics I get poor results, based on simple keywords
- Without semantics I get many not really relevant results for my profile
- But, with semantics I get results that do not contain my keywords but are semantically relevant to my search terms
- With semantics, anything not relevant to my personal profile, is filtered out
- Adds meaning to data and users to be able to match them with high accuracy

THANK YOU!

“There are no disable people...just societies not developed enough to accommodate their people needs.”