



Master's portal as the practical result of studying web-technologies

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Master's portal as the practical result of studying web-technologies:

Motivation and main ideas of report

- From 1999 – among more than **27 000 students** on 61 specialties at 19 faculties more than 10% are masters.
- From 2000 – special course "Network Information Technologies" for masters of all specialties



Master's portal as the practical result of studying web-technologies:

Main ideas of course

"Network Information Technologies"

- **Not only passive** study of modern Internet infrastructure information possibilities, **but also** its **active** exploration of WWW in the context of modern scientific communication and electronic publication of educational and scientific results
- Step-by-step creation of personal site with main content determined by a theme of master's graduation work
- "Personal representation in virtual reality" **as the practical result of studying web-technologies**
- Very important experience of cooperative work in the context of successful Internet-project.

Master's portal as the practical result of studying web-technologies:

Main page of Master's portal

Ukrainian | Russian | English

DonNTU

Greetings and appeals
Rector Minaev A.A.
Vice-rector Bashkov E.A.
Associate Prof.
A.Y.Anoprienko

Masters's Web-pages
2000 - 2004 years

Masters's Gallery
2000 - 2004 years

MASTERS'S PERSONAL PAGES 2000 - 2003 years
(for navigation use numbers amount of pages on the right)

Faculty	2000	2001	2002	2003	2004
Computer science faculty (FVTI)	20	20	32	34	30
Faculty of computer information technologies and automatics (FKITA)	8	24	20	36	46
Faculty of economy and management (FEM)	-	23	60	50	62
Mechanical faculty (MF)	16	12	15	17	13
Electrotechnical faculty (ELTF)	6	17	15	19	19
Faculty of ecology and chemical technologies (FEHT)	7	12	13	17	10
Faculty of energomechanics and automation (FEMA)	8	7	9	11	12
Faculty of geotechnologies and production managements (FGTU)	2	2	14	10	7
Physical-metallurgical faculty (FMF)	-	-	18	12	29
Faculty of mining-geological (GGF)	8	13	13	18	12
English technical faculty (ATF)	-	-	-	5	-
Foreign masters	3	7	23	10	-
Total:	75	130	232	222	240

Masters's works collection 2002 of Donetsk National Technical University. First edition. - Donetsk, DonNTU Ministrys of education and sciences of Ukraine, 2002.- 942 pages (in pdf format - for viewing it is required Acrobat Reader)

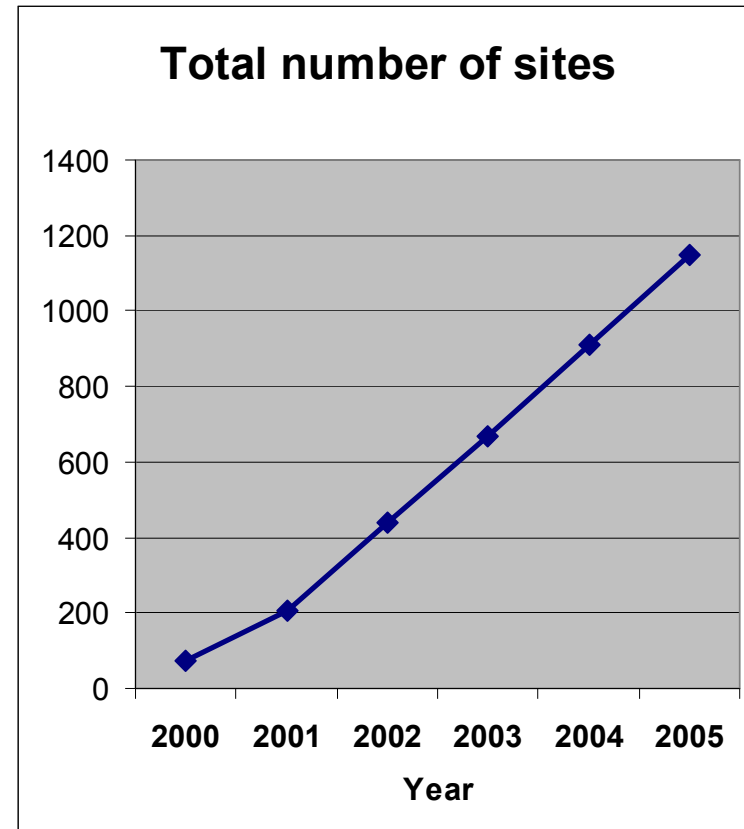
Masters's works collection 2003 of Donetsk National Technical University. Second edition. - Donetsk, DonNTU Ministrys of education and sciences of Ukraine, 2003.- 469 pages (in pdf format - for viewing it is required Acrobat Reader)

Masters's works collection 2004 of Donetsk National Technical University. Second edition. - Donetsk, DonNTU Ministrys of education and sciences of Ukraine, 2004.- ??? pages (in pdf format - for viewing it is required Acrobat Reader)

Master's portal as the practical result of studying web-technologies:

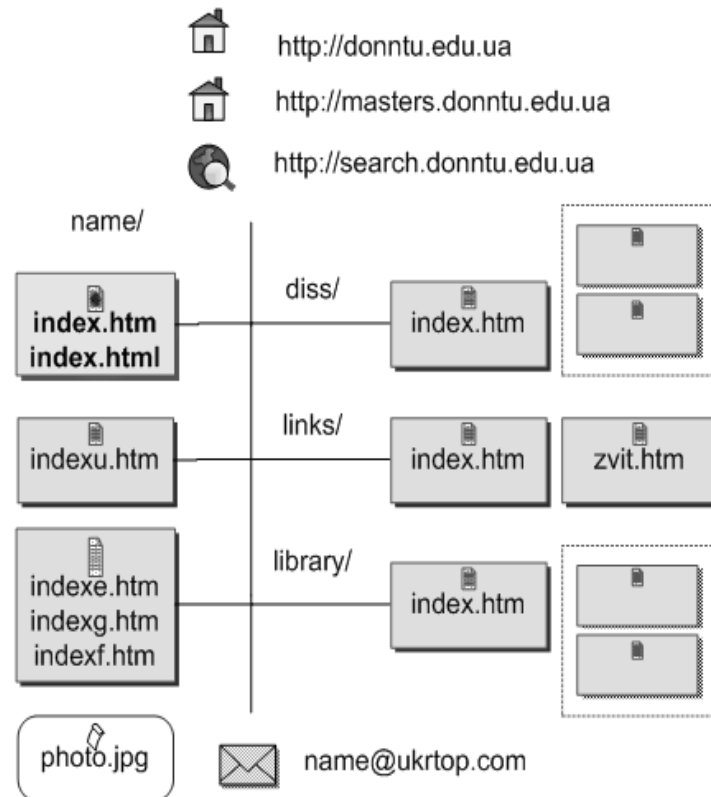
Quantitative characteristics of DonNTU Masters Portal

Year	Number of Master students	Total, Mb	Average site size, Mb
2000	75	22	0,29
2001	130	74	0,57
2002	232	144	0,62
2003	233	148	0,64
2004	240	155	0,65
2005	240	160	0,67
Total	1150	703	



Master's portal as the practical result of studying web-technologies:

Typical structure of sites for master's portal of DonNTU



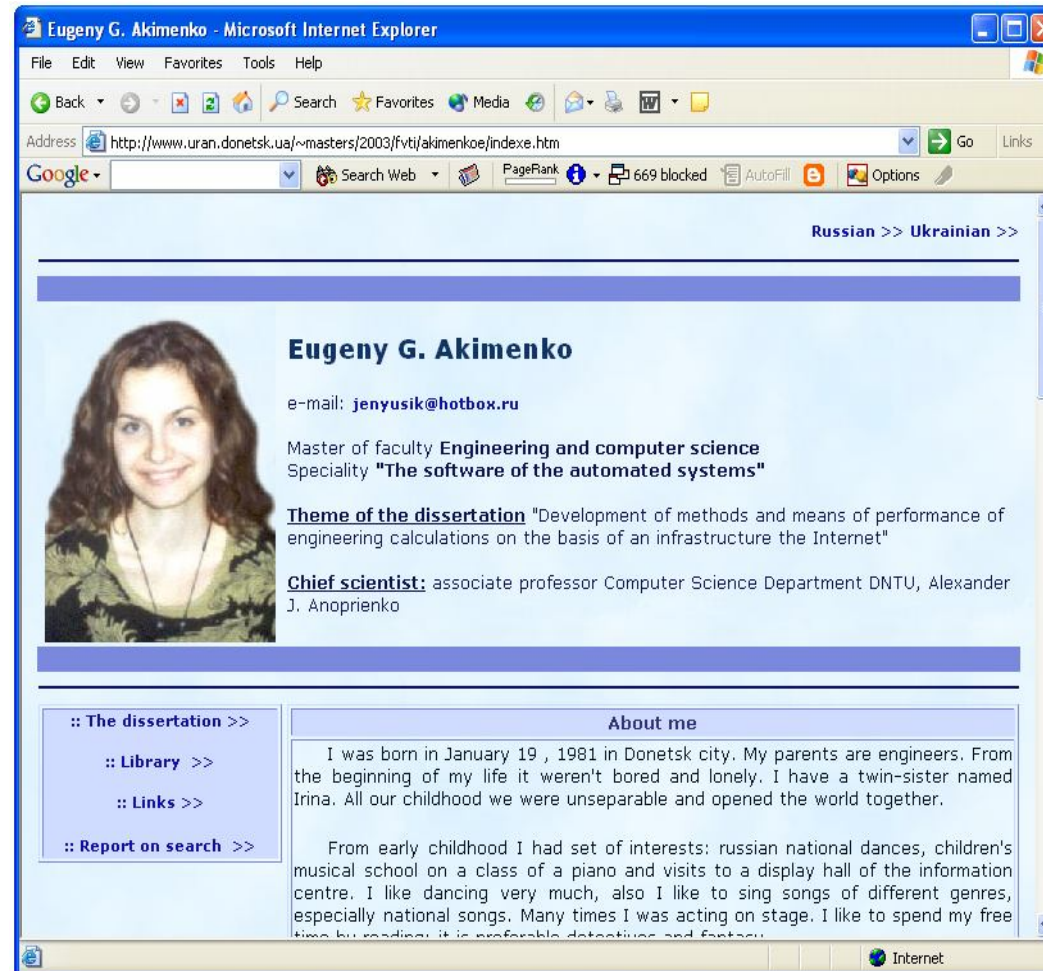
Biographical part:
Russian (index.htm),
Ukrainian (indexu.htm)
and English (indexe.htm)
versions of CV are obligatory.

Thematic part consists of three
sections devoted to the theme of
graduation work:

- Dissertation abstract (diss/)
- Hyperlinks section (links/)
- Electronic library (library/)

Master's portal as the practical result of studying web-technologies:

Typical main page of master's site

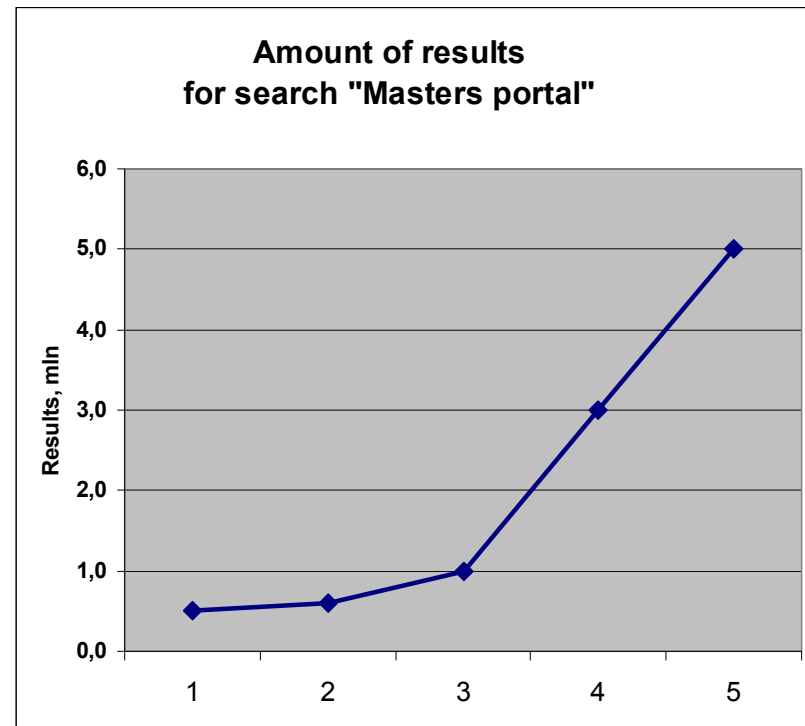


Master's portal as the practical result of studying web-technologies:

Amount of results for search "Masters portal" and place of "DonNTU master's portal"

Google.com

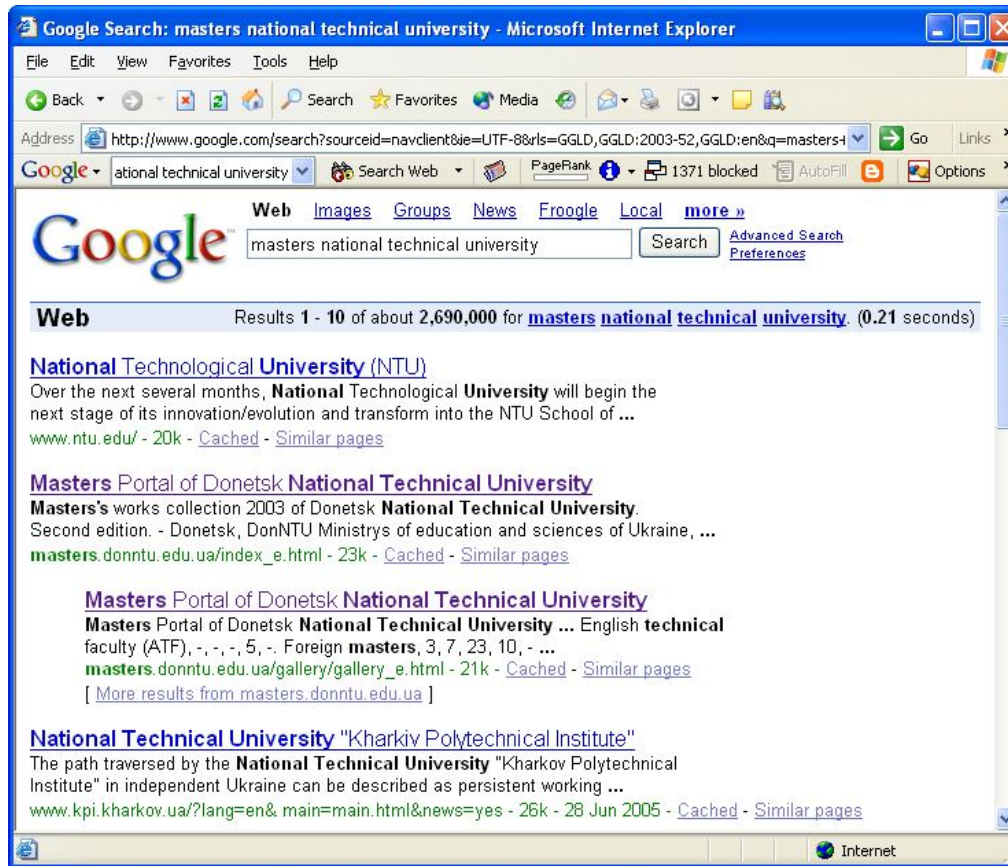
	Date	Results, mln	Place
1	2004.02	0,5	1
2	2004.10	0,6	1
3	2004.11	1,0	3
4	2004.12	3,0	3
5	2005.06	5,0	5



Master's portal as the practical result of studying web-technologies:

Results of more specific search

"masters national technical university"



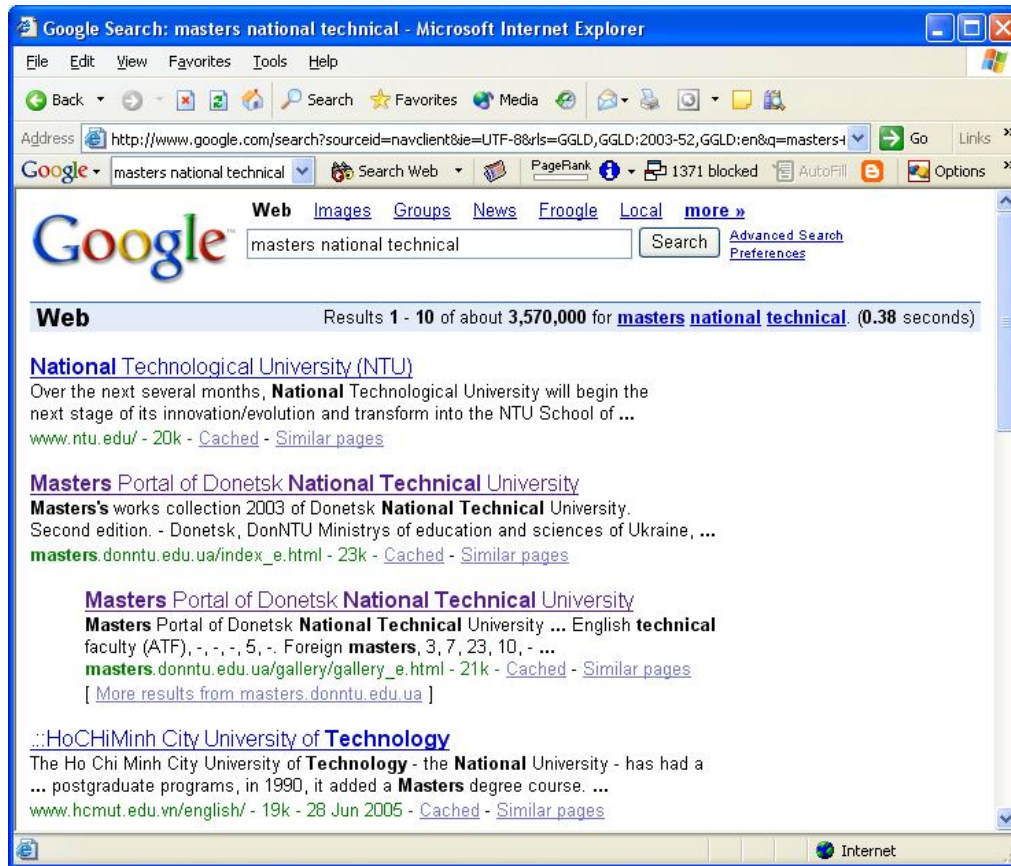
Second
place
of about
2 690 000
results
(2005.06.30)



Master's portal as the practical result of studying web-technologies:

Results of search

"masters national technical"

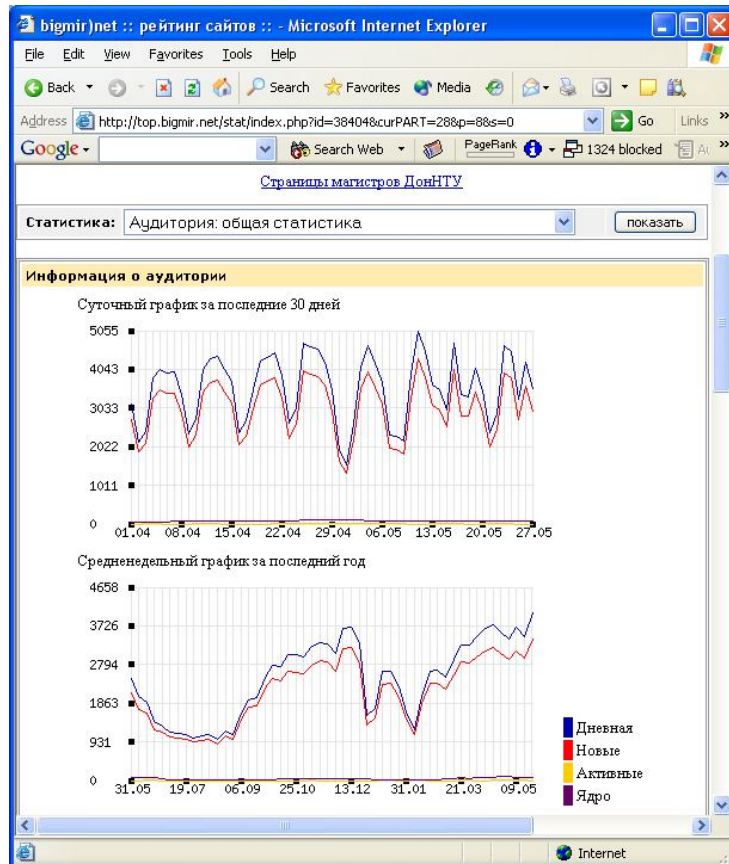


Second
place
of about
3 570 000
results
(2005.06.30)

First place:
**National
Technological
University, USA**
(ntu.edu)

Master's portal as the practical result of studying web-technologies:

Conclusions



Master's portal now is one of the most attended scientific-educational resources in region and in Ukraine:

The maximum of attendance by the current moment is about 5000 hosts per day

Attendance of a portal has strongly pronounced weekly variations (left above) and seasonal cyclicity (left below)



Master's portal as the practical result of studying web-technologies:

Perspectives of further development

- 1. Expanding number of participating Master students**
- 2. Expanding the number of information services**
- 3. Multilingual information filling development**
- 4. Development of portal's internal links system**