

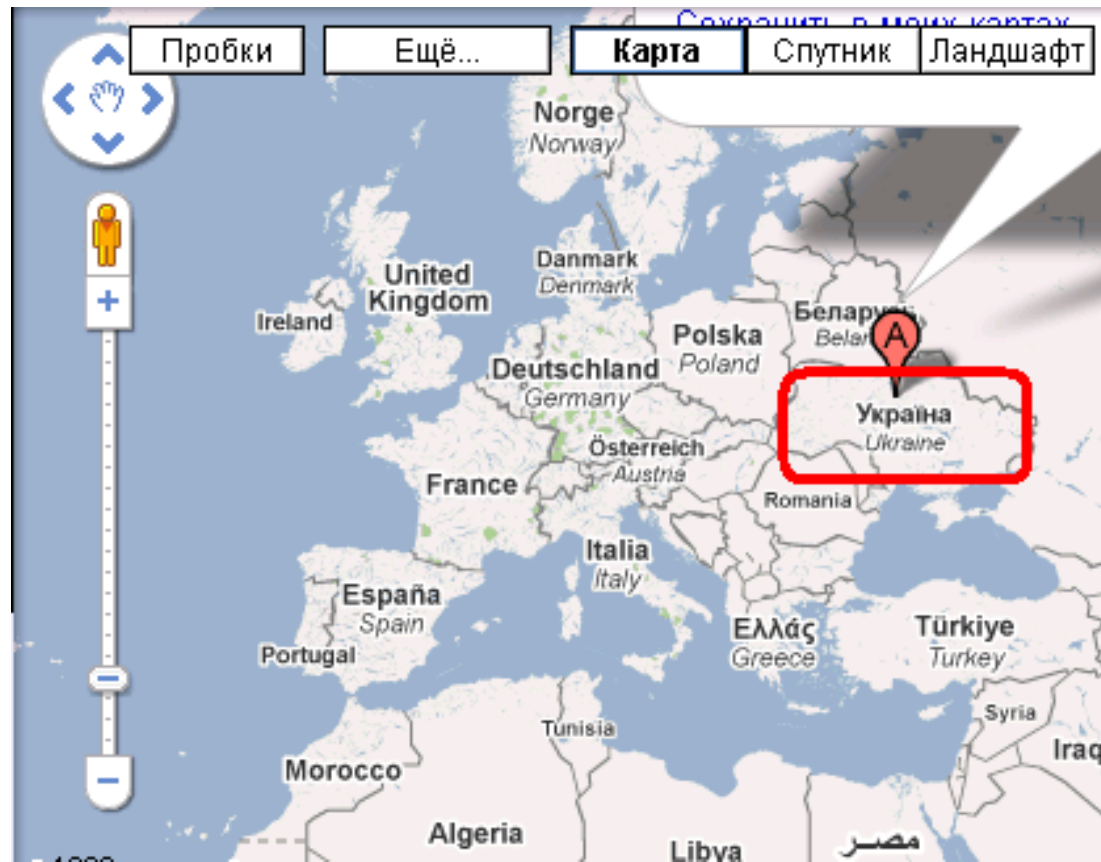


Buenos Diaz, Dear colleagues!

- 1. About my research team and me
- 2. The Short Paper outline
 - 2.1 Introduction
 - 2.2 Main ideas
 - 2.3 Further investigation opportunities
- 3. Thank you words

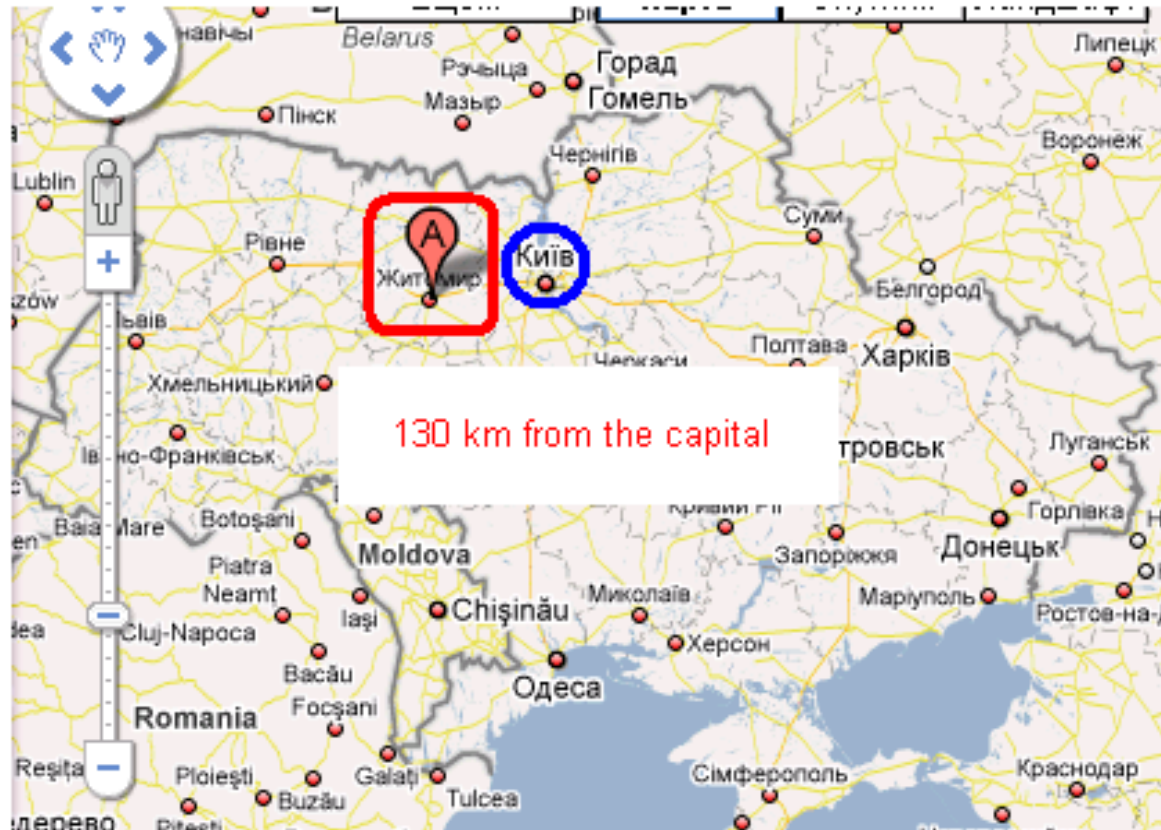
1. About my research team and me

- Western Europe, Ukraine



1. About my research team and me

- Ukraine, Zhytomyr



1. About my research team and me

**Zhytomyr
State
University
Ukraine**



<http://zu.edu.ua/>

ЖИТОМИРСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
імені Івана Франка

Головна | Абітурієнтам | Офіційно | Структура





2 The Short Paper outline

- **2.1 Introduction**
- Title: “Counter plagiarism detection software” and “Counter counter plagiarism detection” methods
- What is “Counter plagiarism detection software”?
- The reason we started the research

2.1 Introduction

● What is “Counter plagiarism detection software”?

The screenshot shows a Google search interface with the query 'antiplagiatkiller' entered in the search bar. The search results are displayed in Russian. The first result is from 'forum.xakep.ru' and is titled 'У кого есть прога antiplagiatkiller? Ппц как срочно нужна...'. The second result is also from 'forum.xakep.ru' and is titled 'У кого есть прога antiplagiatkiller? Ппц как срочно нужна...'. The third result is from 'smsfiles.ru' and is titled 'Скачать файл AntiPlagiatKiller.exe с максимальной скоростью без ...'. The fourth result is from 'sergei.by' and is titled 'Программы скачать AntiPlagiatKiller.exe'. The fifth result is from 'news2.ru' and is titled 'Рекомендованные новости, с сайта «antiplagiatkiller.ru» / news2.ru'.

Google [Расширенный поиск](#)
[Настройки](#)

☒ Поиск в Интернете ☐ Поиск страниц на русском

Веб Результаты 1 - 10 из примерно 608 для antiplagiatkiller. (0,22 секунд)

[У кого есть прога antiplagiatkiller? Ппц как срочно нужна...](#)
Сообщений: 9 - Авторы: 3
Форум журнала «Хакер» : самый популярный форум для хакеров, взломщиков, администраторов.
forum.xakep.ru/m.../tm.htm - [Сохранено в кэше](#) - [Похожие](#) -

[У кого есть прога antiplagiatkiller? Ппц как срочно нужна...](#)
Сообщений: 5 - Авторы: 4 - Последнее сообщение: 7 янв
Вот работающая [link=http://smsfiles.ru/f/0db9ea5d05aae2121b59f11c903b0b44/AntiPlagiatKiller.exe.html]http://smsfiles.ru/f/ ...
forum.xakep.ru/.../default.aspx?... - [Сохранено в кэше](#) - [Похожие](#) -

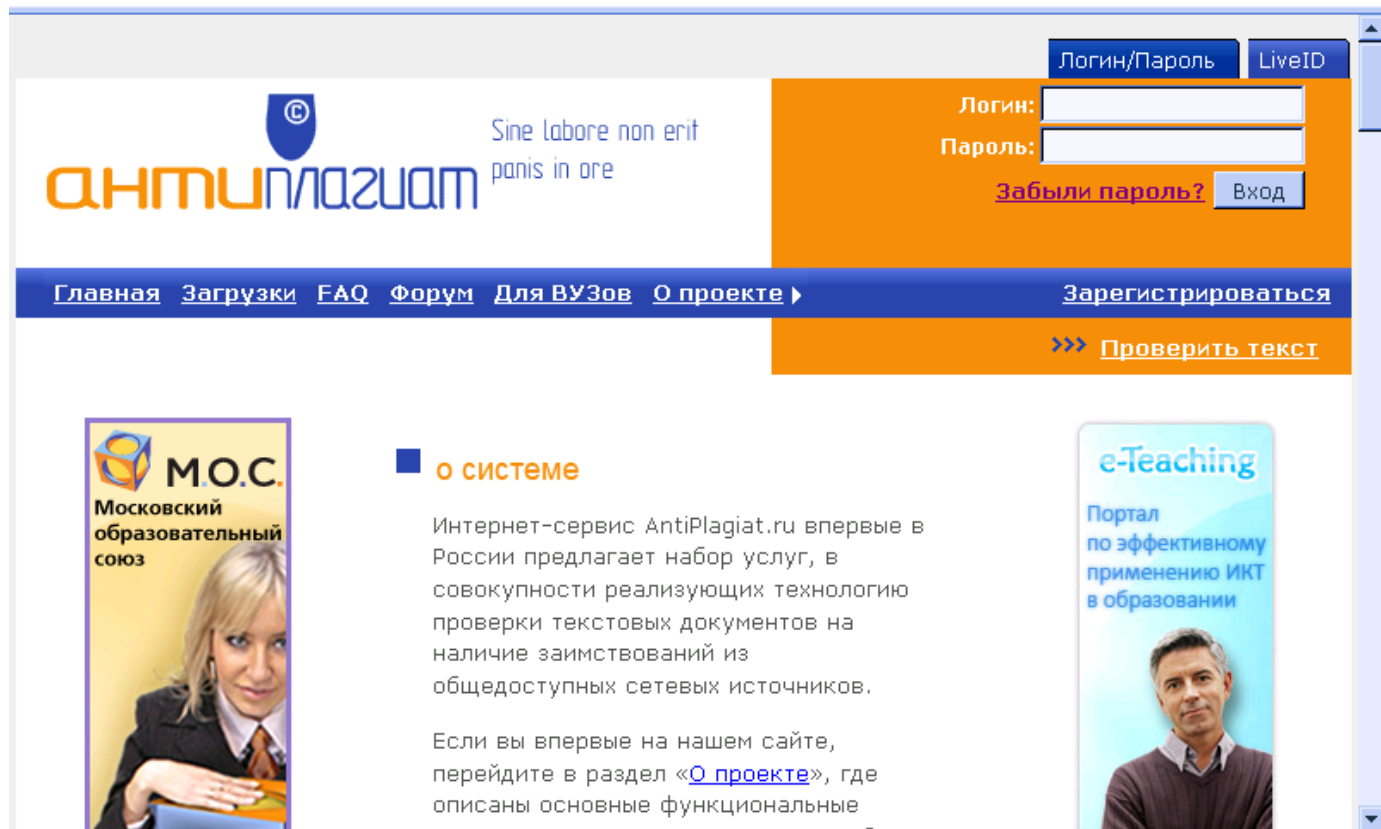
[Скачать файл AntiPlagiatKiller.exe с максимальной скоростью без ...](#)
Имя файла: **AntiPlagiatKiller.exe**. Размер: 1.05 Mb. Для скачивания данного файла с максимальной скоростью необходимо выполнить следующие шаги: ...
smsfiles.ru/.../AntiPlagiatKiller.exe.html - [Сохранено в кэше](#) - [Похожие](#) -

[Программы скачать AntiPlagiatKiller.exe](#)
Найди и скачай Программы скачать **AntiPlagiatKiller.exe**.
sergei.by/.../AntiPlagiatKiller/1985245.htm - [Сохранено в кэше](#) - [Похожие](#) -

[Рекомендованные новости, с сайта «antiplagiatkiller.ru» / news2.ru](#)

2.1 Introduction

- What is “Counter plagiarism detection software”?



2.1 Introduction

- What is “Counter plagiarism detection software”?


Google Переводчик Plagiarism.Detector.support
русский > английский

Forum Index Antiplagiat.ru »Topics» How to Bypass System

How to circumvent the system

	Subject	By	Replies	Views	Last Post
✉	Anti-Plagiarism Killer			9,285	Yesterday 21:37:30 of Brit Volgograd branch ➡
✉	Administrators, you know that there is a site of the Anti-Plagiarism Killer? (Pages: 1 , 2 , 3 , 4)			31,608	June 13, 2009 11:58 from mira-m ➡
✉	But why share secrets? :) (Pages: 1 ... 10 , 11 , 12)	Goryntsev Leonid A.	236	41,798	June 5, 2009 11:28 from Lohenqrin ➡
✉	About the RSL and MSU	oljas	15	2,814	May 22 2009 2:48 from parazitka ➡
✉	www.plagiarism-detector.com - Tell me it?	University Teacher	4	4,812	May 19 2009 4:13 by Yu Iu Uj ➡
✉	Guarantees preservation of copyright material	Ivanov Ivan Ivanovoch	13	2,421	April 30, 2009 14:55 by Yuri Chekhovich ➡
✉	AURA-text	sonnen	0	1,252	February 20, 2009 11:50 from sonnen ➡
🔒	Why a lot of disgruntled? Tales are told (write)	Tales of Jack Frost	8	4,486	January 4, 2009 2:07 from Zitluhina Dmitry A. ➡

Users browsing this section

Исходный русский текст: 
[Горынцев Леонид Алексеевич](#)
[Предложить лучший вариант перевода](#)



2.1 Introduction

- **What is “Counter plagiarism detection software”?**

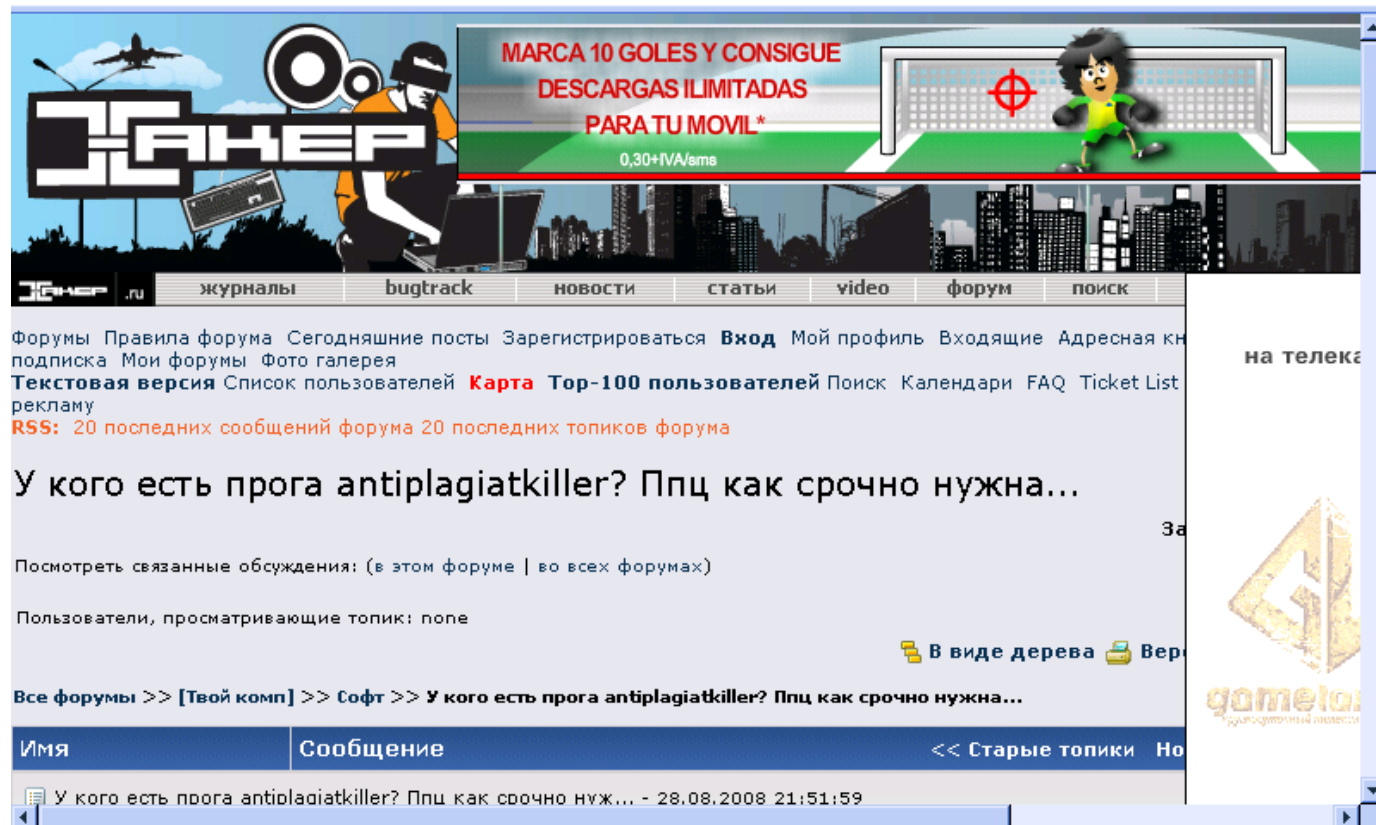


2.1 Introduction

- **What is “Counter plagiarism detection software”?**
- AntiPlagiatKiller
- Article Copy Master
- SEOAnchorGenerator
- AllSubmitter
- VeloSynonymizer 2.0
- MonkeyWrite
- RERAIT-PRO
- wordsyn
- Many others... google for: “article rewrite software SEO”

2.1 Introduction

- What is “Counter plagiarism detection software”?





2.2 Main Ideas

Counter plagiarism detection methods examples:

- Cyrillic to English substitution
- White link-character insertion
- Synonymization and semantic shifting
- Text encoding manipulations

2.2 White link-character insertion

- I like bananas
- I~~x~~like~~x~~bananas

2.2 Cyrillic to English substitution

● Mother -> Mother

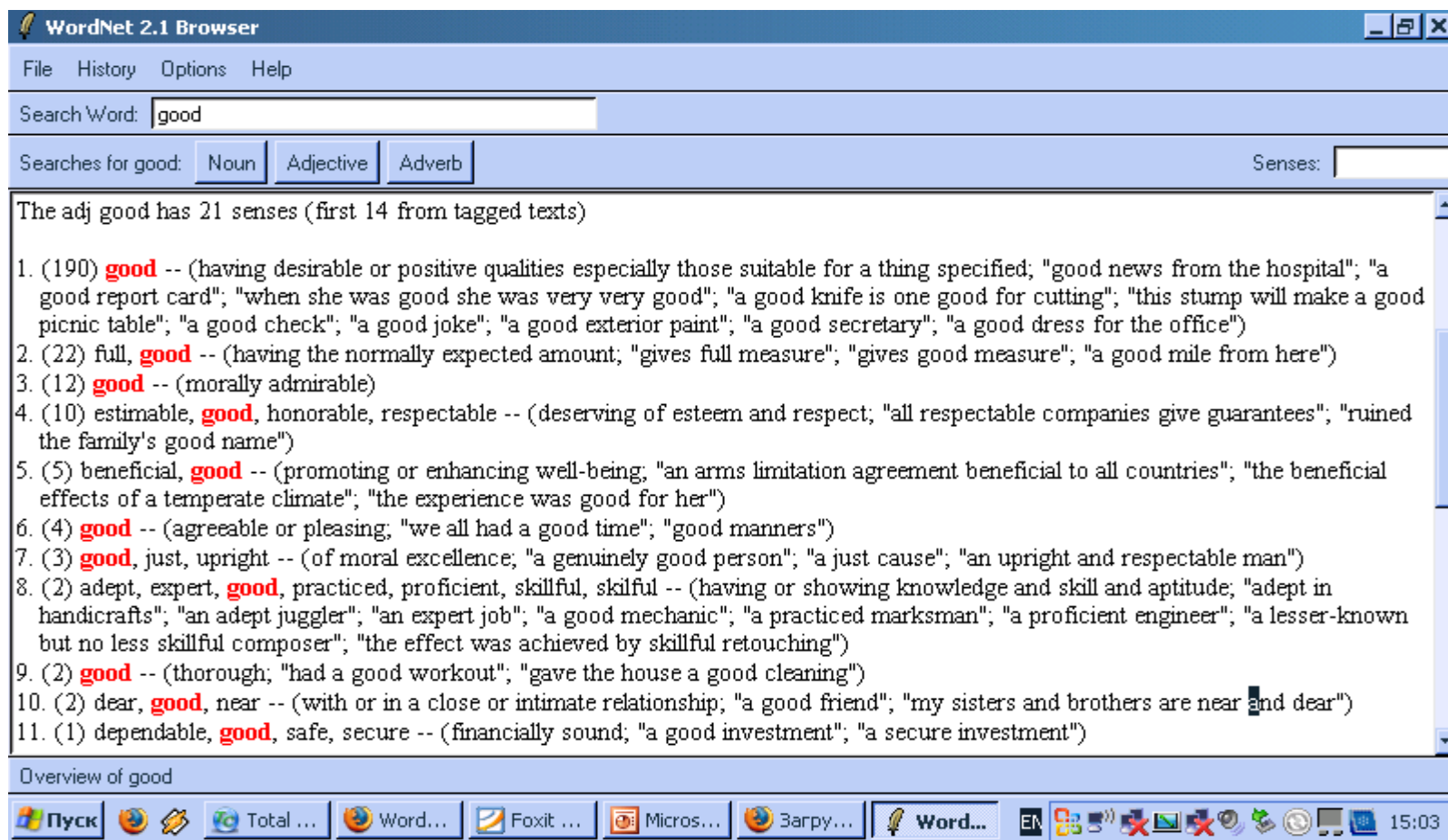
English “o”-> Russian “o”

2.2 Synonymization and semantic shifting

- Substitutions not affecting semantic meaning – synonyms [close]
- Substitutions affecting semantic meaning - antonyms [close]

2.2 Synonymization and semantic shifting

World net as the source for experiments



The screenshot shows the WordNet 2.1 Browser interface. The search bar contains the word "good". Below the search bar, there are tabs for "Noun", "Adjective", and "Adverb", with "Adjective" selected. The "Senses:" field is empty. The main content area displays the text "The adj good has 21 senses (first 14 from tagged texts)" followed by a list of 11 senses. Each sense is numbered and includes a count in parentheses, the word "good" in red, and a description of the sense. The bottom of the window shows a taskbar with various application icons and the system clock.

WordNet 2.1 Browser

File History Options Help

Search Word: good

Searches for good: Noun Adjective Adverb Senses:

The adj good has 21 senses (first 14 from tagged texts)

1. (190) **good** -- (having desirable or positive qualities especially those suitable for a thing specified; "good news from the hospital"; "a good report card"; "when she was good she was very very good"; "a good knife is one good for cutting"; "this stump will make a good picnic table"; "a good check"; "a good joke"; "a good exterior paint"; "a good secretary"; "a good dress for the office")
2. (22) full, **good** -- (having the normally expected amount; "gives full measure"; "gives good measure"; "a good mile from here")
3. (12) **good** -- (morally admirable)
4. (10) estimable, **good**, honorable, respectable -- (deserving of esteem and respect; "all respectable companies give guarantees"; "ruined the family's good name")
5. (5) beneficial, **good** -- (promoting or enhancing well-being; "an arms limitation agreement beneficial to all countries"; "the beneficial effects of a temperate climate"; "the experience was good for her")
6. (4) **good** -- (agreeable or pleasing; "we all had a good time"; "good manners")
7. (3) **good**, just, upright -- (of moral excellence; "a genuinely good person"; "a just cause"; "an upright and respectable man")
8. (2) adept, expert, **good**, practiced, proficient, skillful, skilful -- (having or showing knowledge and skill and aptitude; "adept in handicrafts"; "an adept juggler"; "an expert job"; "a good mechanic"; "a practiced marksman"; "a proficient engineer"; "a lesser-known but no less skillful composer"; "the effect was achieved by skillful retouching")
9. (2) **good** -- (thorough; "had a good workout"; "gave the house a good cleaning")
10. (2) dear, **good**, near -- (with or in a close or intimate relationship; "a good friend"; "my sisters and brothers are near and dear")
11. (1) dependable, **good**, safe, secure -- (financially sound; "a good investment"; "a secure investment")

Overview of good

Пуск Total ... Word... Foxit ... Micros... Зарпы... Word... 15:03

2.2 Synonymic obfuscation example:

- Original: This is a **bad** day!
- Variant1: This is a **tough** day!
- Variant2: This is a **horrid** day!
- etc.

2.2 Semantic Normalization

- Base word: **bad**
- Normalization Set:: evil, immoral, wicked, corrupt, sinful, depraved, rotten, contaminated, spoiled, tainted, harmful, injurious, unfavorable, **tough**, inferior, imperfect, substandard, **horrid**, improper
- Normalized:
bad <- **tough**
bad <- **horrid**

2.2 Semantic Normalization at work

- Original: This is a **tough** day!
- Obfuscated: This is a **horrid** day!

What is indexed (normalized)?

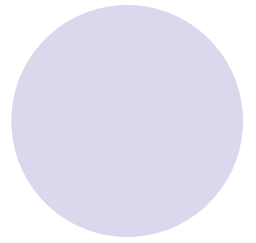
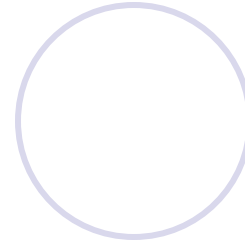
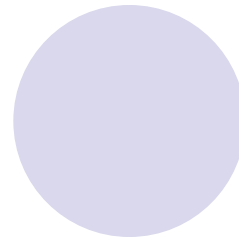
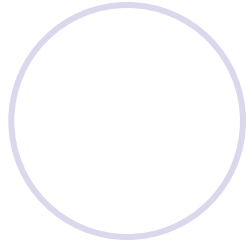
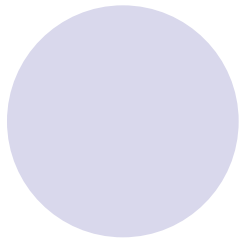
- This is a **bad** day!

What is searched in the index (normalized)?

- This is a **bad** day!

2.3 Further investigation opportunities

- Effective word meaning sorting and selection development
- Practical effectiveness evaluation against the existing plagiarism detection methods
- Cross-language implementation
- Performance improvements



**Thank you for the 300 seconds
of your attention!**