

Лингвистическое обеспечение компьютерных систем

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- правила начисления баллов
- пособие по курсу (alpha-версия!)
- задания и теоретические сведения
к практическим работам
- темы докладов и обзоров
- полезные ссылки



В курсе мы будем изучать...

~~программирование~~

**Компьютерная лингвистика:
что можно делать
с языком на компьютере**

+

**компьютерные программы
это делающие**

Проверка правописания

Проверка в текстовых редакторах

Автокоррекция ошибок в Google

Подсказки про неправильное правописание

Randy Harris, author of *The Linguistics Wars* (1997), writes in proportions, belonging solidly in the pantheon of great linguists of the 20th century for his many qualities thereof. First, foremost, and initially he has the intellectual abilities of his intellect, and the uncompromising support of his sheer force of will."[\[12\]](#)

foremast

foremost

fore must

fore-must

foremen

foreman

Проверка синтаксиса

Синтаксический анализ в

- текстовых редакторах
- поисковых системах

I have learn it the hard way!



Possible agreement error

learned

learnt

Ignore



Spelling and Grammar

Set Language for Selection ▶

Set Language for Paragraph ▶

Проверка синтаксиса

Компьютерный синтаксический анализ

- формальные грамматики Хомского
- грамматики связей
- статистические методы

Распознавание и генерация голоса

Распознавание голоса:

- телефоны
 - голосовой набор, команды, поиск
- компьютеры
 - работа с интерфейсом
 - набор текста
- роботы

Распознавание и генерация голоса

Генерация голоса:

- интерфейсы для людей с ограниченными возможностями
- набор текста
- “читающие вслух” электронные книги
- роботы

Поиск в тексте

Как работают Google, Yandex, Bing...

Почему Google зарабатывает \$24 млрд / год

Извлечение информации из текста

Извлечение

- терминов
- дат
- событий
- эмоций

Show RDF

Entry Page



Topics:

Health Medical Pharma

100%

Social Tags:

Health Medical Pharma



Developmental biology



Biotechnology



Stem cells



Embryonic stem cell



Adult stem cell



Stem cell



Cloning



Cell biology



Stem cells (Technology)

Relevance: 93%

Generic Relations

verb: be

relationsubject: Stem cells

relationobject: cells

Stem cells are cells found in most, if not all, multi-cellular organisms. They are characterized by the differentiating into a diverse range of specialized cell types. Research in the stem cell field grew out of Till in the 1960s.[1][2] The two broad types of mammalian stem cells are: embryonic stem cells and cells that are found in adult tissues. In a developing embryo, stem cells can differentiate into all of the progenitor cells act as a repair system for the body, replenishing specialized cells, but also maintain the intestinal tissues.

Entities:



Person

Technology

Events & Facts:



Generic Relations

Получение информации о тексте

Читабельность текста

Похожесть слов по звучанию

Похожесть текста

Реферирование текста

What Kate Saw in Silicon Valley

Kate Courteau is the architect who designed Y Combinator's office. Recently we managed to recruit her to help us run YC when she's not busy with architectural projects. Though This was her list:

1. How many startups fail.
2. How much startups' ideas change.
3. How little money it can take to start a startup.
4. How scrappy founders are.
5. How tech-saturated Silicon Valley is.
6. That the speakers at YC were so consistent in
7. How casual successful startup founders are.
"They're not trying to impress anyone."
8. How important it is for founders to have people
9. What a solitary task startups are. "You could d

It's populated by people who talk a lot with one another and work slowly but harmoniously on conservative, experimental projects whose destinations are decided in advance, and adjust their manner to reflect their position in the

WHAT KATE SAW IN SILICON VALLEY

August 2009

Kate Courteau is the architect who designed Y Combinator's office. Recently we managed to recruit her to help us run YC when she's not busy with architectural projects. Though she'd heard a lot about YC since the beginning, the last 9 months have been a total immersion.

I've been around the startup world for so long that it seems normal to me, so I was curious to hear what had surprised her most about it. This was her list:

1. How many startups fail. Kate knew in principle that startups were very risky, but she was surprised to see how constant the threat of failure was—not just for the minnows, but even for the famous startups whose founders came to speak at YC dinners.

2. How much startups' ideas change. As usual, by Demo Day about half the startups were doing something significantly different than they started with. We encourage that. Starting a startup is like science in that you have to follow the truth wherever it leads. In the rest of the world, people don't start things till they're sure what they want to do, and once started they tend continue on their initial path even if it's mistaken.

3. How little money it can take to start a startup. In Kate's world, everything is still physical and expensive. You

ОТВЕТЫ НА ВОПРОСЫ



When was Lenin born?

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Answer [Vladimir I. Lenin](#) was born April 22, 1870

Vladimir I. Lenin was a driving force behind the Russian Revolution of 1917 and became the first great dictator of the Soviet Union. After his brother was executed in 1887 (for plotting to kill the Czar), Lenin gave up studying law and became a full-time revolutionary. ...

Go To: [Encyclopedia](#)

[Source](#)

[Vladimir Lenin. Childhood.](#)

Vladimir **Lenin**. Childhood. Father and mother. Live in Simbirsk. Ulianov's family ... Vladimir Ilyich Ulyanov (**Lenin**) was **born** April 10 (22), 1870 in the city of Simbirsk (now called Ulyanovsk), located on the great Russian river, the Volga. He spent his childhood and youth here - he lived in Simbirsk for 17 years.

www.stel.ru/museum/Lenin_childhood.htm · [Cached](#)

Компьютерный диалог

A. L. I. C. E. Artificial Intelligence Foundation

Promoting the development and adoption of **ALICE** and **AIML Free Software**

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The ALICE A.I. contains material suitable for all ages. For adult chat bots please visit our affiliate [VirtualFem.com](#). (**WARNING:** Contains adult material).



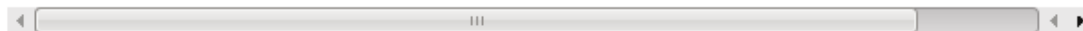
Get **ALICE Silver Edition** with talking **VHost[tm]**, winner of the 2004 **Loebner Prize** competition sponsored by **Crown Industries, Inc.**



*Human: how are you doing?
ALICE: I'm doing great, how about you?
Human: great, thanks
ALICE: I'm glad you liked it unknown person.
Human: i liked who?
ALICE: I'm not sure if I like it. No, I don't care for it.
Human: i also couldn't care less
ALICE: Also? Could anyone do it?*

You say:

[Benefits of Membership](#)



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>

English ▾

[swap](#)

Translate

Translation: Russian (automatically detected) » English

Hi Wolf!

[+ Contribute a better translation](#)

Понимание смысла текста

Синтаксис определяет семантику?

- Хомский и его глубинные синтаксические

Структуры

- трансформационные грамматики

Синтаксис не определяет семантику?

- WordNet

- семантические сети

И другие темы...

Определяет ли язык мышление?

Обучение обезьян языку

Неязыковые интерфейсы

Наивные статистические классификаторы
делящие на “хорошо” и “плохо”

...

