

fast regular expression indexing pdf

A Fast Regular Expression Indexing Engine Junghoo Cho University of California, Los Angeles cho@cs.ucla.edu Sridhar Rajagopalan IBM Almaden Research sridhar@almaden.ibm.com Abstract In this paper, we describe the design, architecture, and the lessons learned from the implementation of a fast regular-expression indexing engine FREE. FREE uses a ...

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Fast Regular Expression Indexing Engine

My name is Junghoo "John" Cho and the title of my presentation is "A Fast Regular Expression Indexing Engine" This is a joint work with Sridhar Rajagopalan at IBM Almaden. The problem that we wanted to address in the paper is "How can we match a regular expression fast on a large text-corpus."

A Fast Regular Expression Indexing Engine - UCLA

Alexander Korotkov Index support for regular expression search PGConf.EU-2012, Prague Index support for regular expression search Alexander Korotkov. Alexander Korotkov Index support for regular expression search ... fast regular expression indexing engine, Proceedings 18th International Conference on Data Engineering, 2002

Index support for regular expression search - PostgreSQL

A fast regular expression indexing engine, Proceedings 18th International Conference on Data Engineering, 2002 Still widely referenced as state of art work about indexing for regular expressions. Index support for regular expression search, Alexander Korotkov, PGCon 2012, Ottawa ... Index support for regular expression search, Alexander ...

Index support for regular expression search - PGCon 2018

Regular expression matching has been widely used in modern content-aware network devices, where the content of interest (i.e., patterns) is often specified by regular expressions.

(PDF) Towards Fast Regular Expression Matching in Practice

n-gram Indexes for Regular Expression Search Humboldt-Universität zu Berlin Institut für Informatik HK Text Analytics Hung Le, Nora Unger. Outline 1. Overview 2. Basics 3. "Usefulness" 4. Multigram Index Construction 5. Shortest Common Suffix Rule ... A Fast Regular Expression Indexing Engine. In Proceedings of the 18th International ...

n-gram Indexes for Regular Expression Search - hu-berlin.de

regular expressions with whatever data you can access using the application or programming language you are working with. Different Regular Expression Engines A regular expression "engine" is a piece of

software that can process regular expressions, trying to match the pattern to the given string.

Regular Expressions: The Complete Tutorial

Regular expression matching can be simple and fast, using finite automata-based techniques that have been known for decades. In contrast, Perl, PCRE, Python, Ruby, Java, and many other languages have regular expression implementations based on recursive backtracking that are simple but can be excruciatingly slow.

Regular Expression Matching Can Be Simple And Fast

Regex-based exclusion of files from indexing: You can use regular expressions to exclude certain files from indexing. For example, to exclude Microsoft Excel files, you can use a regular expression like this: `*.xls`;
Mime-type detection: You can use regular expressions to turn on "mime-type detection" for certain files, meaning that DocFetcher ...

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