EnTagRec: An Enhanced Tag Recommendation System for Software Information Sites

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What's your programming question? Be specific.

Tags
at least one tag such as (c++ ios linux), max 5 tags
I have Java daemon which I want to pass shell commands. For example:

daemon load configuration.xml

Is this possible to do this?
Java daemon execute commands

I have Java daemon which I want to pass shell commands. For example:

daemon load configuration.xml

Is this possible to do this?

java
Java daemon execute commands

I have Java daemon which I want to pass shell commands. For example:

demon load configuration.xml

Is this possible to do this?
Q: Synonimize [.net-micro-framework] and [netmf] tags
I have noticed that there exist both .net-micro-framework and netmf tags which refer to the same .NET Micro Framework technology. I suggest to make netmf synonym of .net-micro-framework. That would help to have all questions related to it under same tag. ...

Q: Please merge [log] and [logs] into [logging] [closed]
Currently on Stack Overflow there are: log (720 questions) logs (195 questions) logging (4196 questions) I don't have the reputation to synonymize log and logs into logging, but I think they should be merged. ...

/ department of mathematics and computer science
Java is a general-purpose programming language designed to be used in conjunction with the Java Virtual Machine (JVM). "Java platform" is the name for a computing system that has installed tools for developing and running Java programs. Use this tag for questions referring to Java programming language or Java platform tools.

also: java, core-java, java-se

JavaScript (not to be confused with Java) is a dynamically-typed language commonly used for client-side scripting. Use this tag for questions regarding ECMAScript and its various dialects/implementations (excluding ActionScript). Unless a tag for a framework/library is also included, a pure JavaScript answer is expected.

also: classic-javascript, javascript-alert, javascript-dom

An array is an ordered data structure consisting of a collection of elements (values or variables), each identified by one (single dimensional array, or vector) or multiple indexes.

also: javascript-array

103,679 questions tagged
arrays

Synonyms
array array-of-objects
javascript-array
I have Java daemon which I want to pass shell commands. For example:

daemon load configuration.xml

Is this possible to do this?
<table>
<thead>
<tr>
<th>EnTagRec</th>
<th>TagCombine</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Stack Overflow" /></td>
<td><img src="image" alt="Ask Ubuntu" /></td>
</tr>
<tr>
<td><img src="image" alt="Ask Different" /></td>
<td><img src="image" alt="Free (Code)" /></td>
</tr>
</tbody>
</table>

Xia et al. MSR’13
<table>
<thead>
<tr>
<th></th>
<th>EnTagRec</th>
<th>TagCombine</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Site 1" /></td>
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<td>r@5 0.815</td>
</tr>
<tr>
<td></td>
<td>p@5 0.346</td>
<td>p@5 0.358</td>
</tr>
<tr>
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<td>r@5 0.88</td>
</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>p@5 0.382</td>
<td>p@5 0.382</td>
</tr>
</tbody>
</table>
**EnTagRec**: How have we done it?

(a) Training

- Training Sw. Obj. & Tags
  - Preproc. Comp. (PC)
  - Freq. Inference Comp. (FIC)
- Bayesian Inference Comp. (BIC)
- Composer Comp. (CC)

(b) Deployment

- Un tagged Sw. Obj.
  - Preproc. Comp. (PC)
  - Trained FIC
- Trained BIC
  - Trained CC
  - Recomm. Tags

**EnTagRec**
**EnTagRec: How have we done it?**

**L-LDA [Ramage et al. 2009]**

- Tokenization,
- Identifier splitting,
- Stop words,
- Stemming
**EntagRec**: How have we done it?
I have Java daemon which I want to pass shell commands. For example...
Actually (preprocessing…)

\[ P(\text{Java daemon want pass shell command exampl daemon load configur possibl})? \]
Tags = nouns (phrases)

P( )?

Java daemon
want pass shell
cmd example daemon
load config possible
Estimate from the training data

Combine to get $P$ for the entire text
Java daemon wants to pass a shell command example. daemon load configuration possible.
Supercalifragilisticexpialidocious
Supercalifragilisticexpialidocious

(a) Java 0.5
   - Linux 0.5
   - Eclipse 0
   - Project 0
   - Python IDE 0

(b) Java 0.42
   - Linux 0.42
   - Eclipse 0.42
   - Project 0
   - Python IDE 0

(c) Java 0.36
   - Linux 0.36
   - Eclipse 0.36
   - Project 0
   - Python IDE 0

(d) Java 0.6
   - Linux 0.2
   - Eclipse 0.6
   - Project 0
   - Python IDE 0.5

(e) Java 0.51
   - Linux 0.51
   - Eclipse 0.51
   - Project 0
   - Python IDE 0.36

(f) Java 0.43
   - Linux 0.43
   - Eclipse 0.43
   - Project 0
   - Python IDE 0.51

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EnTagRec: How have we done it?

\[
\alpha \times \text{BIC} + \beta \times \text{FIC}
\]

Train \( \alpha \) and \( \beta \)
EnTagRec

- is better than BIC and FIC separately

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<thead>
<tr>
<th></th>
<th>EnTagRec</th>
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<tr>
<td>r@5</td>
<td>0.805</td>
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<td>0.593</td>
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<tr>
<td>p@5</td>
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<td>0.230</td>
<td>0.322</td>
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EnTagRec

- is better than BIC and FIC separately
- is better than TagCombine

How do I add existing comments to RDoc in Ruby?

I've got all these comments that I want to make into 'RDoc comments', so they can be formatted appropriately and viewed using `ri`. Can anyone get me started on understanding how to use RDoc?

ruby  rdoc

edited May 5 '13 at 0:24
Taryn East
9,133 • 3 • 29 • 61

asked Aug 1 '08 at 13:38
CodingWithoutComments
9,106 • 12 • 52 • 73

add comment
So, what was all this about?
I have a Java daemon which I want to pass shell commands. For example:

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- EnTagRec

- Recomm. Tags
  - Trained FIC
  - Recomm. Tags

Tags

- java
- Stackoverflow

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<td>r@5 0.595</td>
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<td>AskUbuntu</td>
<td>r@5 0.595</td>
<td>p@5 0.221</td>
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<tr>
<td>AskDifferent</td>
<td>r@5 0.595</td>
<td>p@5 0.221</td>
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<tr>
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