

ENTAGREC: An Enhanced Tag Recommendation System for Software Information Sites

Shaowei Wang, David Lo,
Bogdan Vasilescu, Alexander Serebrenik
[@b_vasilescu](#) [@aserebrenik](#)



Where innovation starts

Title

B *I* |      |     |  



Tags

Title

B *I* |
 



 |
 


 |
 




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

```
daemon load configuration.xml
```

Is this possible to do this?

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

```
daemon load configuration.xml
```

Is this possible to do this?

Tags

ja

[java](#) × 715641

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

[javascript](#) × 700297

JavaScript (not to be confused with Java) is a dynamically-typed language commonly used for client-side scripting. Use this tag for questions regarding

[arrays](#) × 103776

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)

Java daemon execute commands



0



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

```
daemon load configuration.xml
```

Is this possible to do this?

java

[share](#) | [edit](#) | [flag](#)

asked 40 mins ago



[user1285928](#)

36 ● 4 ● 23 ● 68

Java daemon execute commands



0



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

```
daemon load configuration.xml
```

Is this possible to do this?

java

[share](#) | [edit](#) | [flag](#)

asked 40 mins ago



[user1285928](#)

36 ● 4 ● 23 ● 68

1,417
questions tagged

[daemon](#)

[about »](#)

29,848
questions tagged

[shell](#)

[about »](#)

Q: Synonymize [.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**. ...

support

status-completed

tags

synonym-request

asked jul 11 '13 by [anderZubi](#)

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**. ...

discussion

stackoverflow

tag-synonyms

retag-request

asked oct 4 '11 by [Endy Tjahjono](#)

java × 715183

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 × 699829

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**

arrays × 103684

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



Title

B *I* |      |     |  



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

```
daemon load configuration.xml
```

Is this possible to do this?

ENTAGREC

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

```
daemon load configuration.xml
```

Is this possible to do this?

Tags

ja

[java](#) × 715641


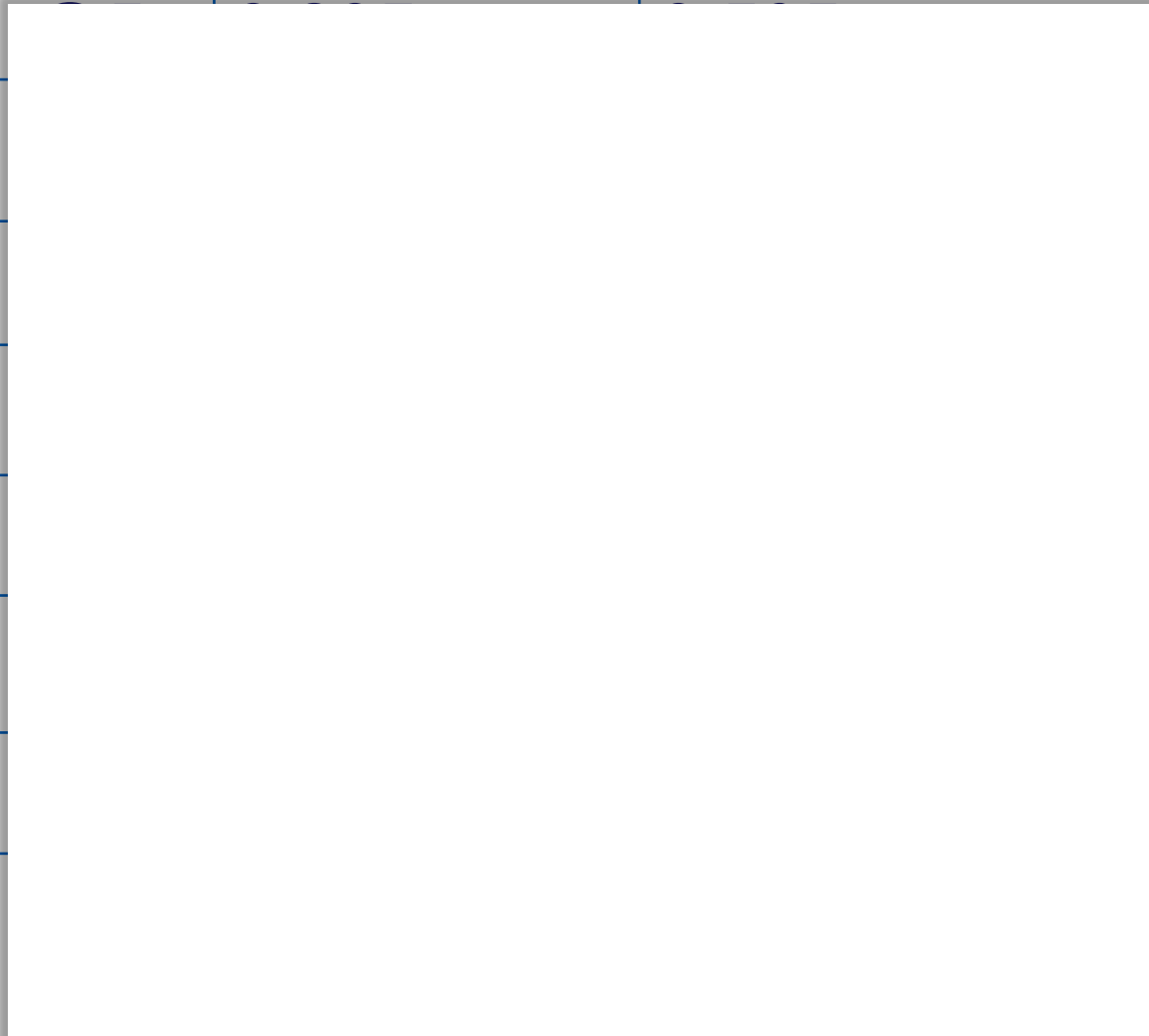



Java is a general-purpose programming language designed to be used in conjunction with the Java Virtual Machine (JVM). "Java platform" is the name for a





[javascript](#) × 700297

JavaScript (not to be confused with Java) is a dynamically-typed language commonly used for client-side scripting. Use this tag for questions regarding

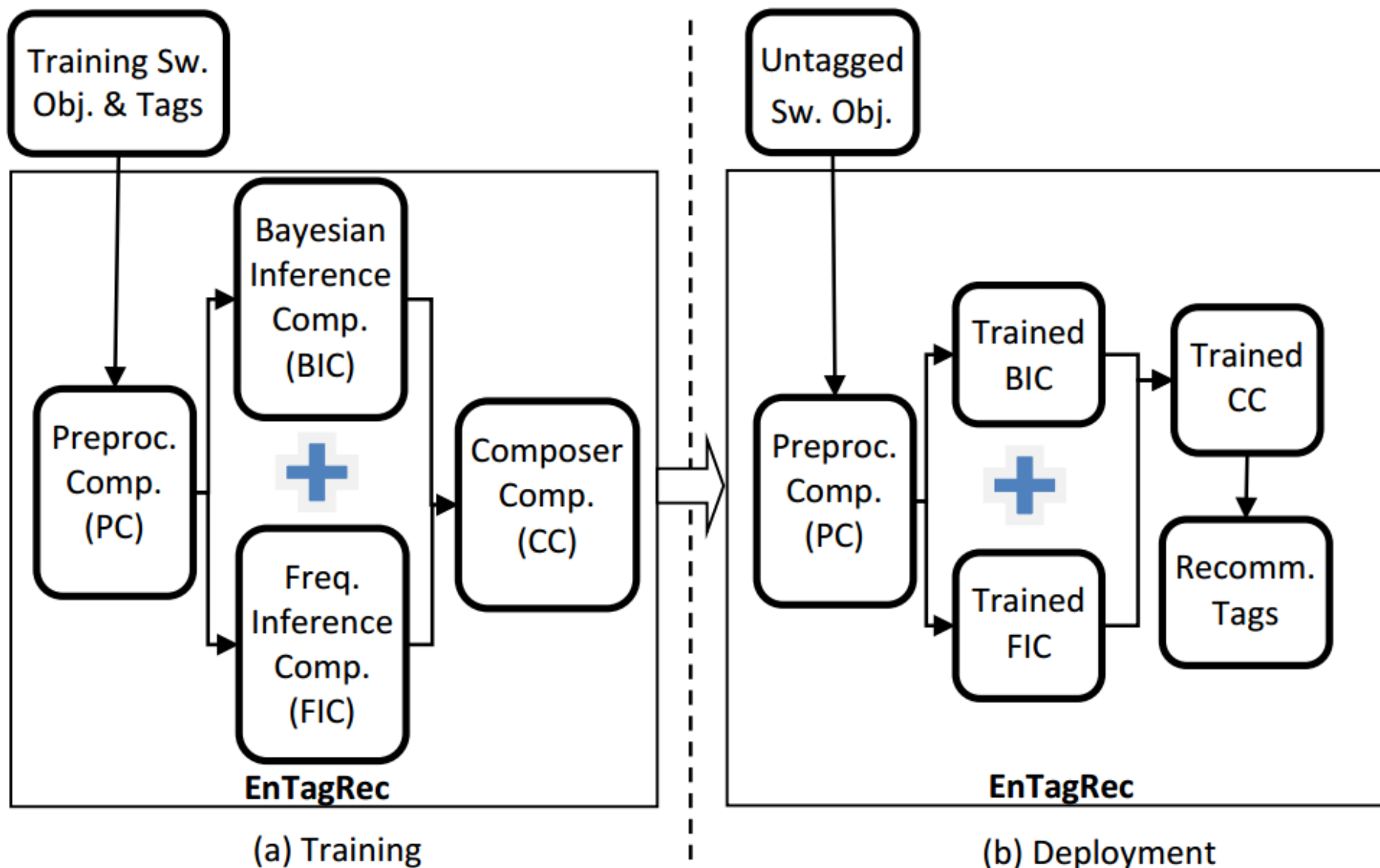
[arrays](#) × 103776

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)

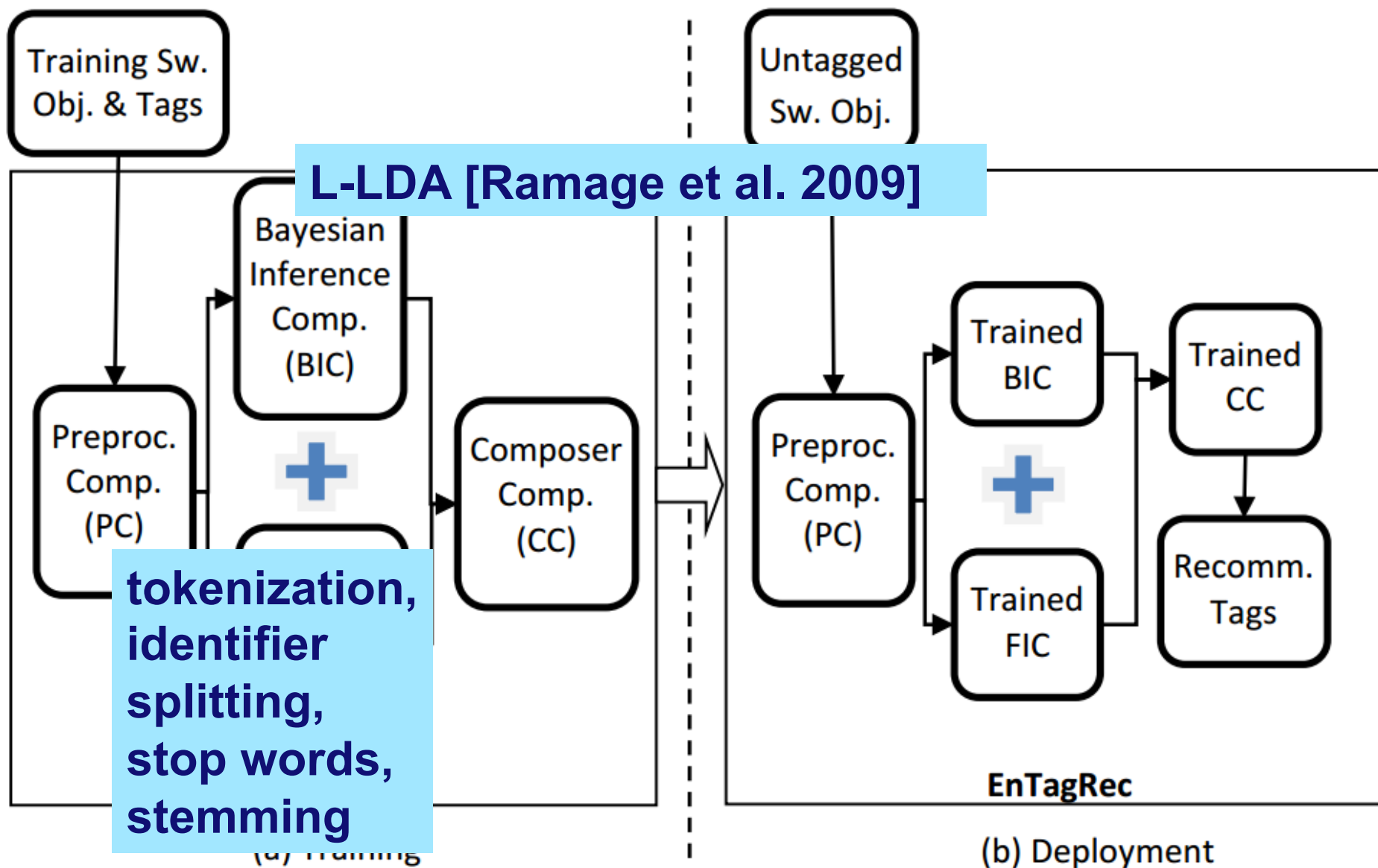
		ENTAGREC	TAGCOMBINE
			
			
			
			

		ENTAGREC	TAGCOMBINE
	r@5	0.805	0.595
	p@5	0.346	0.221
	r@5	0.815	0.568
	p@5	0.358	0.251
	r@5	0.88	0.675
	p@5	0.369	0.278
	r@5	0.64	0.639
	p@5	0.382	0.381

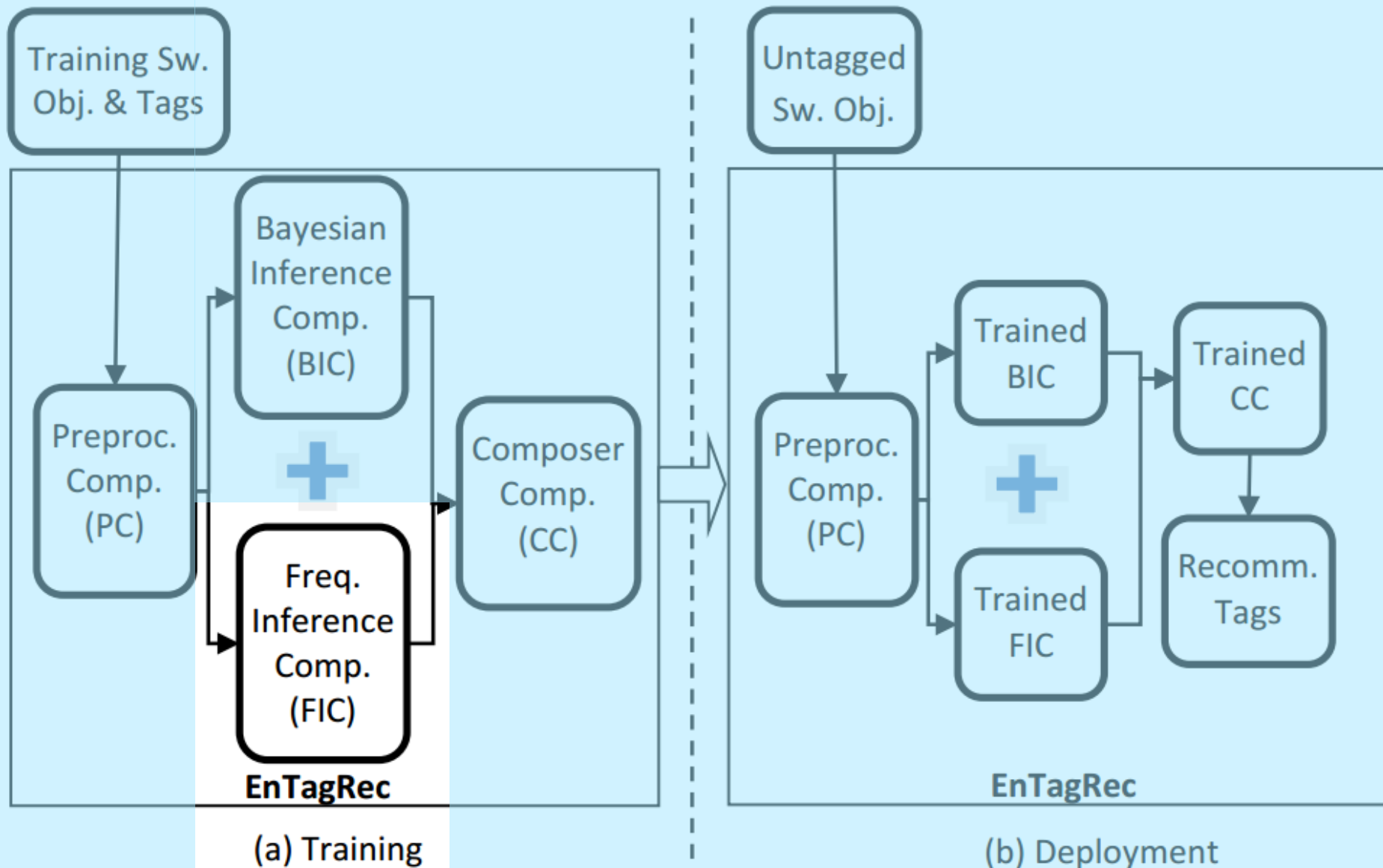
ENTAGREC: How have we done it?



ENTAGREC: How have we done it?



ENTAGREC: How have we done it?



P(| `java` I have Java daemon which I want to pass shell commands. For example...)?

Actually (preprocessing...)

P(`java` |

Java daemon
want pass shell
command
exampl daemon
load configur
possibl

) ?

Tags = nouns (phrases)

P (`java` |

Java daemon
~~want pass~~ shell
command
exampl daemon
~~load~~ configur
possibl

) ?

$$P(\text{java} \mid \text{Java})$$

$$P(\text{java} \mid \text{daemon})$$

$$P(\text{java} \mid \text{shell})$$

...

Estimate from
the training
data

Combine to
get P for the
entire text

Java daemon
~~want pass shell~~
command
exampl daemon
~~load configur~~
possibl

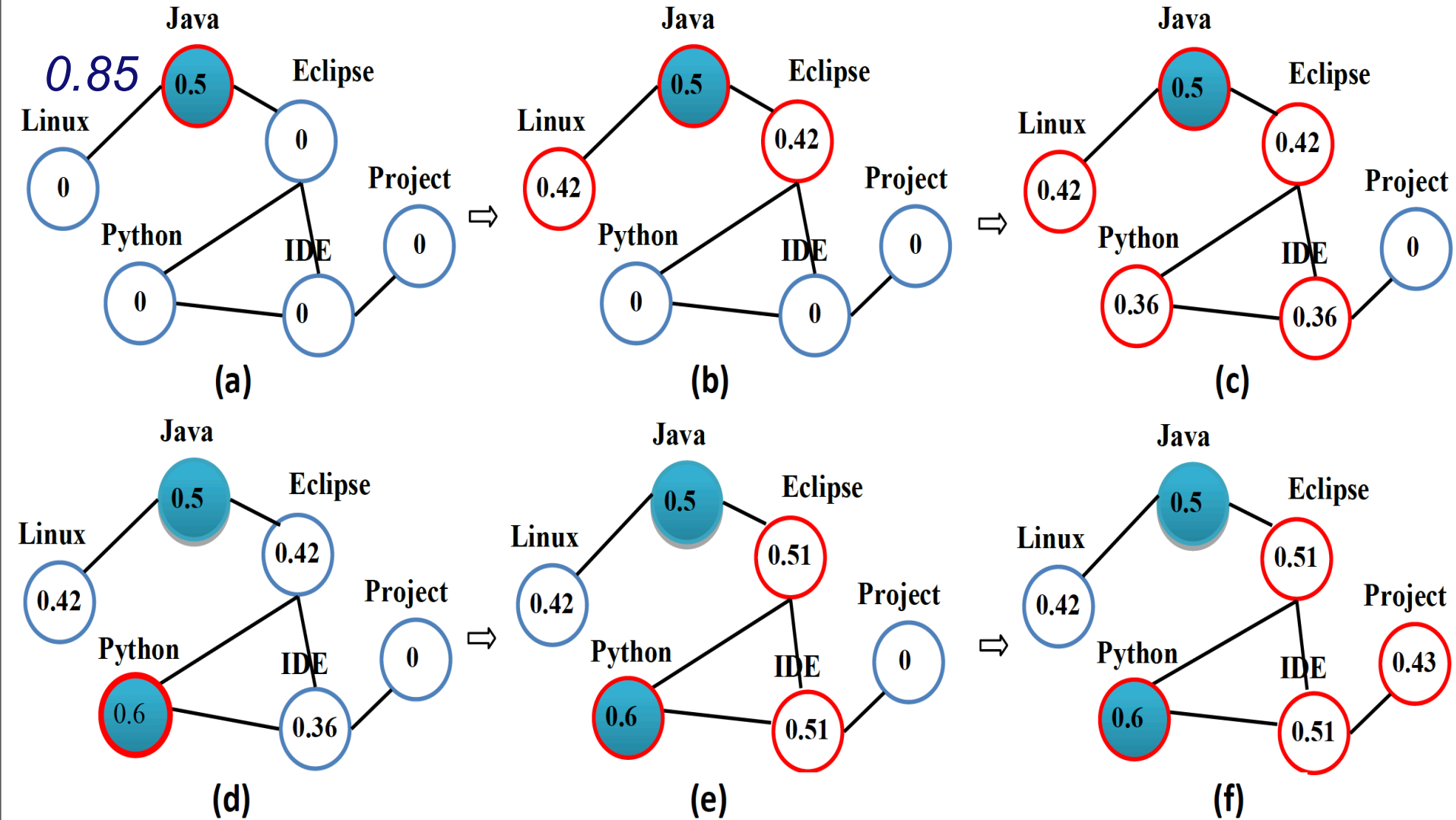
P(
java
|
...
)

P(
daemon
|
...
)

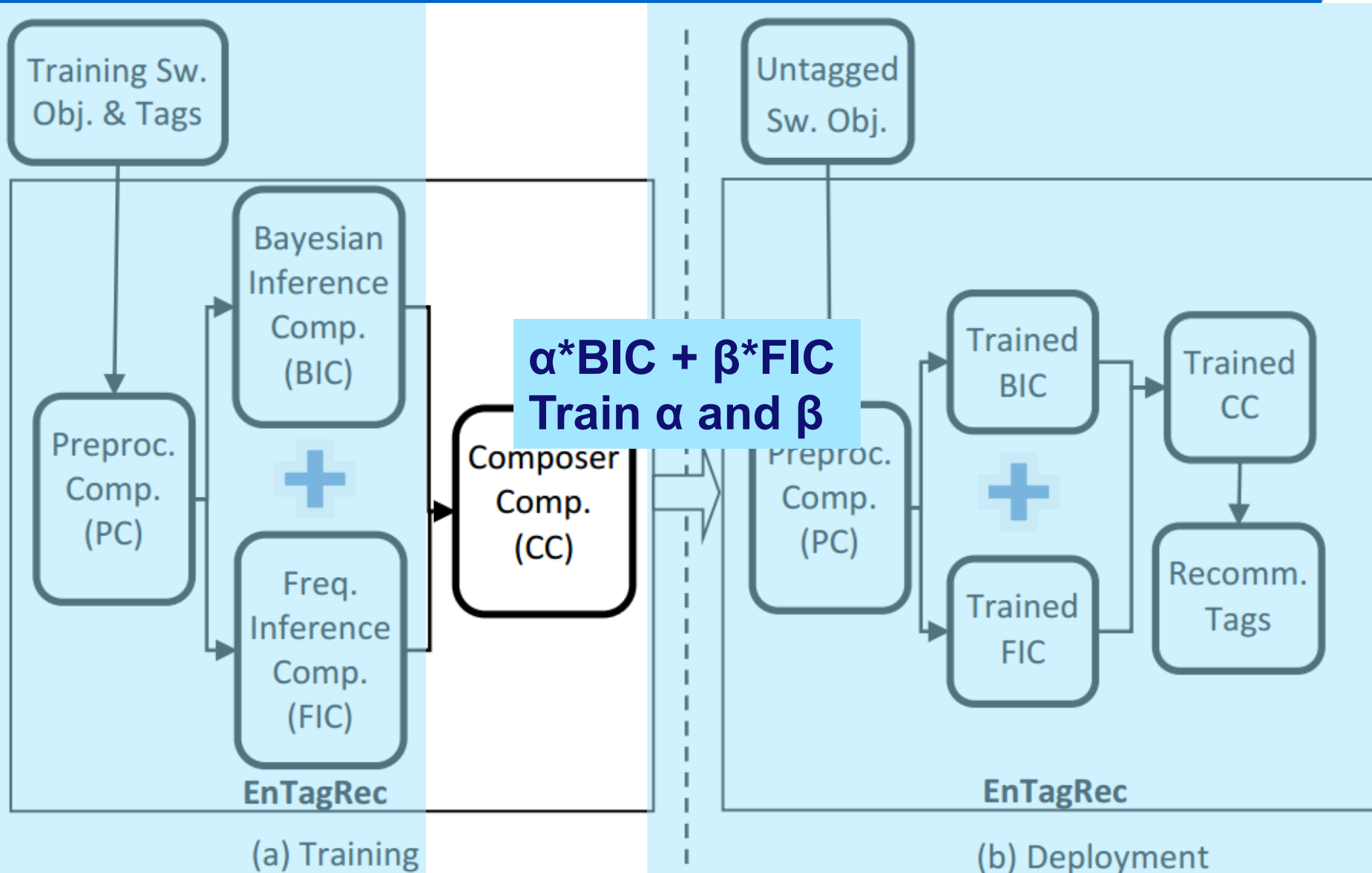
P(
python
|
...
)

Supercalifragilisticexpialidocious

Supercalifragilisticexpialidocious







ENTAGREC: How have we done it?



ENTAGREC

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

		ENTAGREC	BIC	FIC
	r@5	0.805	0.565	0.593
	p@5	0.346	0.232	0.258
	r@5	0.815	0.505	0.637
	p@5	0.358	0.212	0.282
	r@5	0.88	0.523	0.713
	p@5	0.369	0.212	0.298
	r@5	0.64	0.391	0.545
	p@5	0.382	0.230	0.322

- 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

[add comment](#)

asked Aug 1 '08 at 13:38



CodingWithoutComments

9,106 ● 12 ● 52 ● 73

So, what was
all this
about?

Title

B *I*            

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

```
daemon load configuration.xml
```

Is this possible to do this?

ENTAGREC

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

```
daemon load configuration.xml
```

Is this possible to do this?

Tags

ja

[java](#) × 715641

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

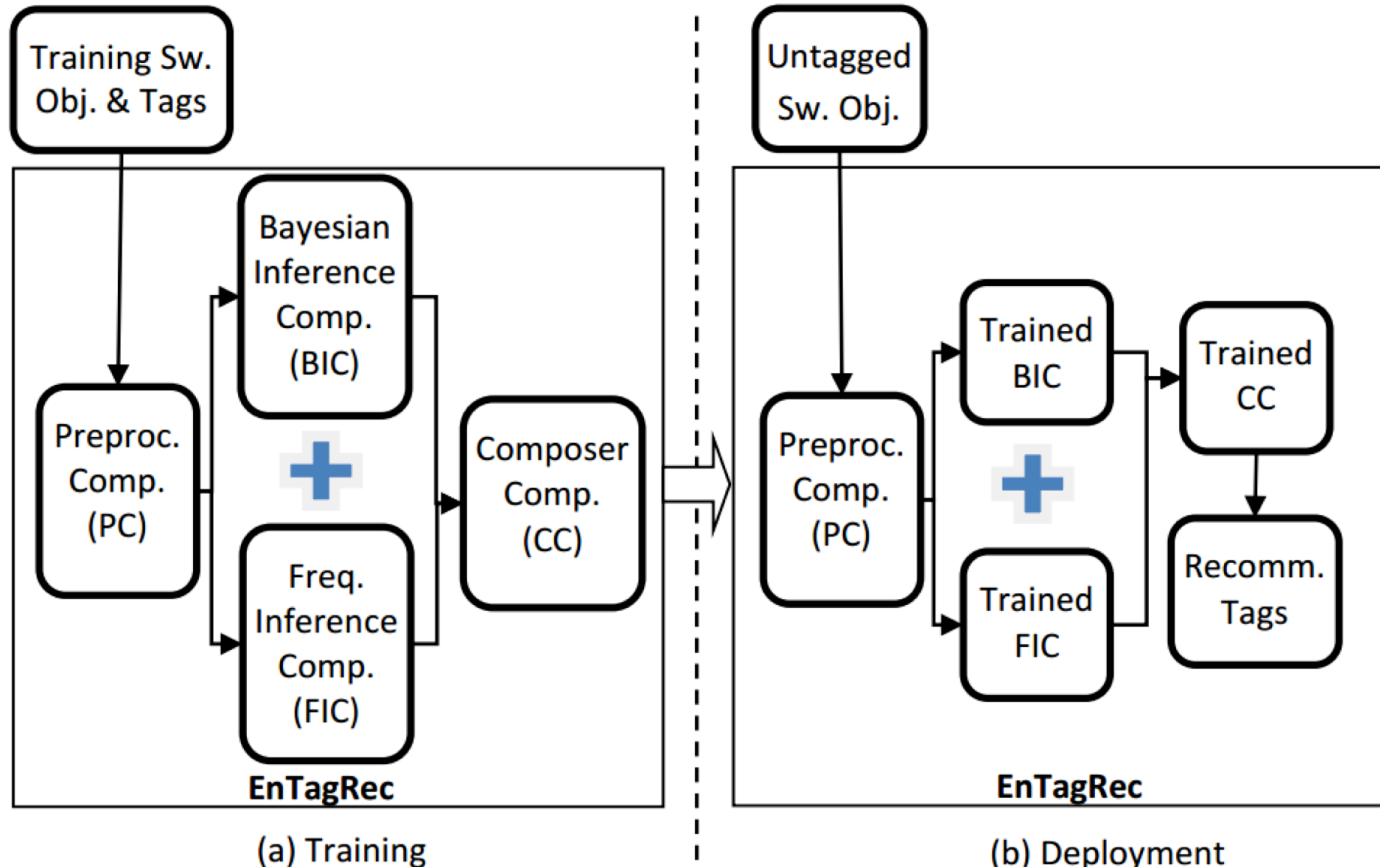
[javascript](#) × 700297

JavaScript (not to be confused with Java) is a dynamically-typed language commonly used for client-side scripting. Use this tag for questions regarding

[arrays](#) × 103776

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)

ENTAGREC: How have we done it?



Title What's yo

B I  6

I have Java daem

daemon load c

Is this possible

I have Java daem

daemon load cc

Is this possible to

Tags

ja





[java](#) × 715641

Java is a general-pur
language designed to
conjunction with the
(JVM). "Java platform

ENTAGREC: How have we done it?

Training Sw.
Obj. & Tags

Preproc.
Comp.
(PC)

		<u>ENTAGREC</u>	<u>TAGCOMBINE</u>
	r@5	0.805	0.595
	p@5	0.346	0.221
	r@5	0.815	0.568
	p@5	0.358	0.251
	r@5	0.88	0.675
	p@5	0.369	0.278
	r@5	0.64	0.639
	p@5	0.382	0.381