

6 talks on Cocoon

Random notes to test the view
Lorem ipsum



My name's Andrew, it's a pleasure to be here.



It's also a pleasure to see so many familiar faces, friends old and new. Time is short, so I'll get straight into it.



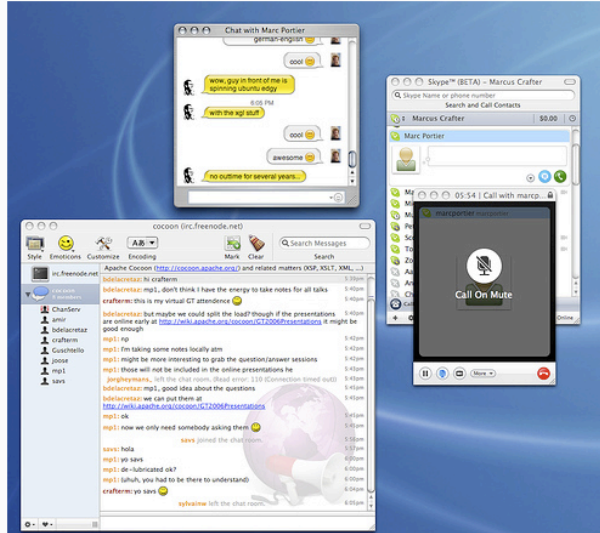
“stick a little aussie flag in your presentation mate
and tell everyone i wish i was there! :-)”

– *Marcus Crafter*

Oh, just before I start ...

GT2006 Virtual Attendance :)

ADD TO FAVES ADD NOTE BLOG THIS



My virtual Cocoon GetTogether attendance this year, the first GetTogether that I'll miss ever - kudos to MPO for letting me hear everything through Skype :)



SIX?!?

When I submitted all 6 talks, I never thought for a moment they would all be chosen. I'm not sure the Cocoon community would be too happy about attending the Andrew GetTogether.

Thankfully the people on the mailing lists agreed, and so we've saved some for articles hacked at the hackathon.



So I'm going to drop three of the talks, I hope you don't mind. There's only 30 minutes after all. Or, to put it another way, a one time special offer, I'm giving you 50% off. For free. How nice am I?

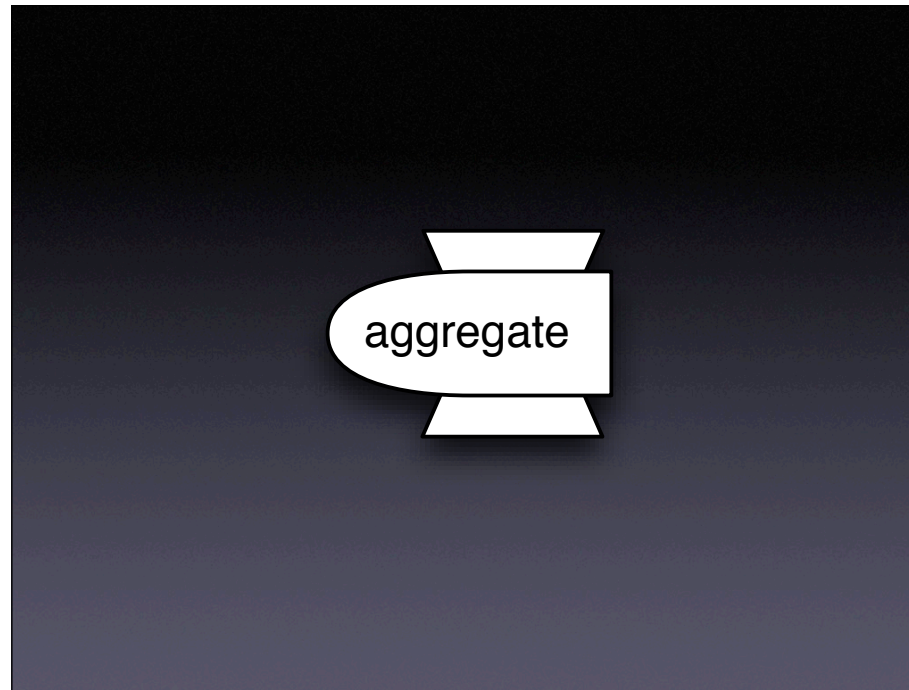


3
~~6~~ talks on Cocoon

So, without further ado, I proudly present “3 talks on Cocoon”.

- Things your mother never told you about Cocoon
- 10 reasons to use Cocoon
- An illustrated guide to Cocoon technologies

The talks I chose were these, which seemed to be the most popular.



But hang on a minute! This is Cocoon we're talking about here! Why don't we use aggregation, and combine all these talks into one pipeline? Brilliant! Genius!
So, I'm happy to present

10 things your
mother never told
you about
reasons to use
Cocoon technologies

(illustrated)



(rush) 10 things your mother never told you about how to use Cocoon technologies

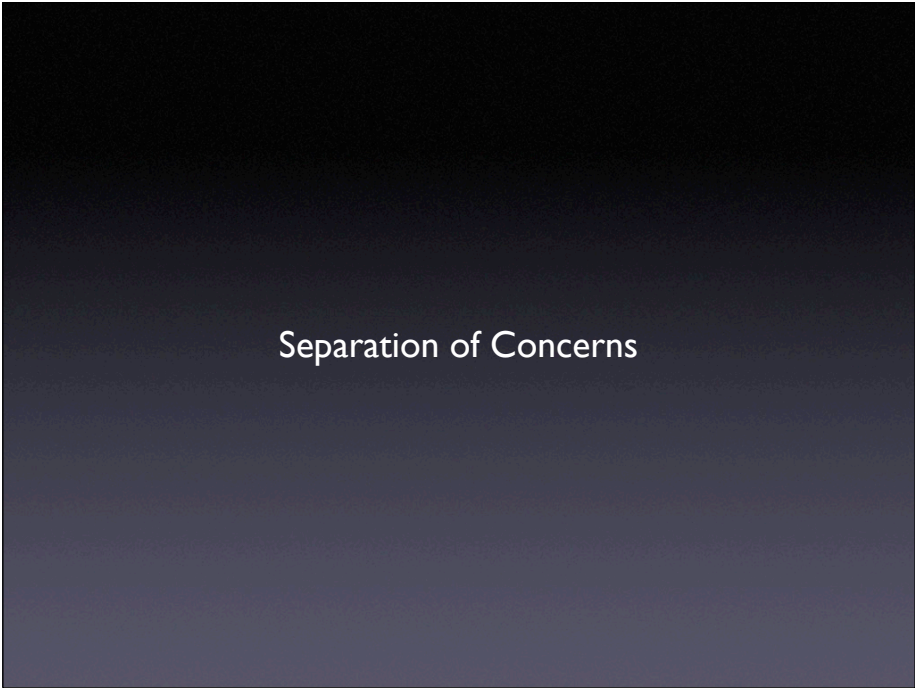
(BREATH)

illustrated

Time is short, let's get going.

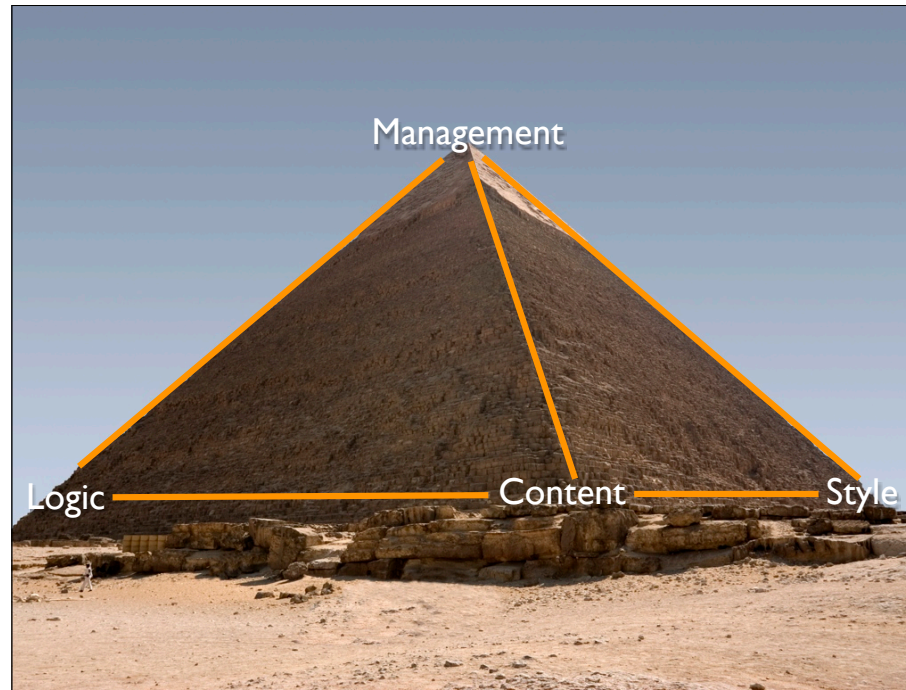
Did I really just use 5 minutes for the introduction? I could have fitted another talk in there! Anyway...

10



Separation of Concerns

If you're new to Cocoon, this is where it all begins: Cocoon is built to help you enforce separation of concerns.



Separation of concerns can be illustrated by the Pyramid of Contracts – 4 major concerns with 5 contracts between them.

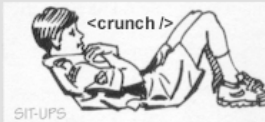
After all these years, still nothing keeps these separate like a `_good_` cocoon application. Word of warning: it's too easy to mix them, at which point Cocoon's no better than any other badly-used tool.

9

Strength Tests

XML Sit-Ups

To assume the starting position, lie on your back with your knees in the angle bracket form. Your partner will act as the trailing slash. Cross your arms over your chest as if you are shielding yourself from arctic winds. Mentally assign a DTD. Once you feel adequately valid, curl your body into a complete tag. Look your partner in the eye and say, "One." For every ten repetitions, scoot your buttocks forward two inches to honor indentation and beauty. Once this activity is complete, return to your seat and await instruction.



Do not rush through your situps. This boy did and he is stuck in a permanent self-closing position.

<http://redhanded.hobix.com/bits/campingAMicroframework.html>

The Ruby on Rails folk talk about XML sit-ups.
You may remember me going on about it last year too.




What would you rather do?

Which is better: writing XML in Ruby (or any other scripting language) or just writing the XML?

Call me old-fashioned, but whatever happened to “the right tool for the job”?

Writing XML in anything other than XML reminds me of something ...



<XML Everywhere/>

When you're working with XML data, pick the right tool for the job.

It's a **STRENGTH** not a **WEAKNESS!** Embrace the XML side.

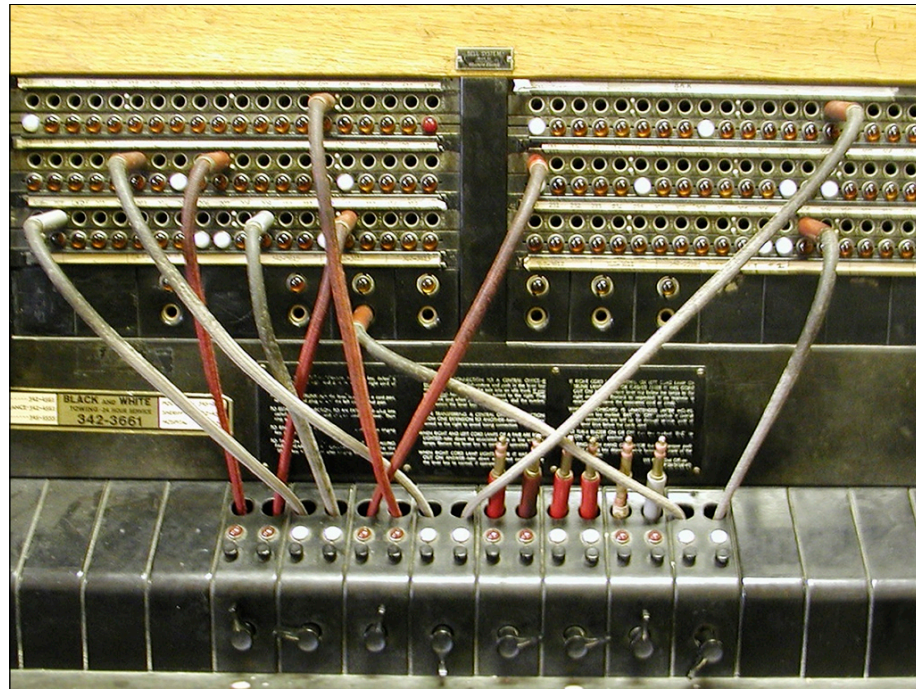
8



No matter what your application, being able to plug any of the hundreds of pre-written Cocoon components together to build a comprehensive solution is one of THE major advantages of Cocoon. I quote: “I wrote a CRUD application for an LDAP addressbook in one day!”.

Why is this possible? Because most of the people working with Cocoon have already encountered the same problems you’re having; the code is there, tried and tested and ready to use. Cocoon doesn’t have to be about doing the heavy lifting; it can be about pulling together the right building blocks with some XML configuration glue to create all manner of applications.

7



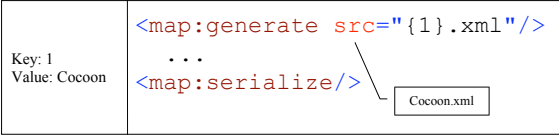
If you're new to Cocoon, the sitemap is the switchboard.
It connects up the parts of your application.

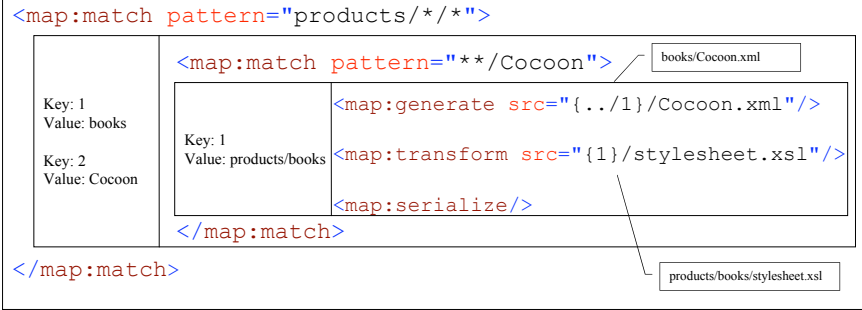
If you're an old hand at Cocoon, revisit your sitemaps and see if there isn't a way you can improve them: it's surprising the features that are in there that rarely get used.

Keep them simple –

Here's two examples:

```
<map:match pattern="books/*">  
  <table border="1" data-bbox="384 242 633 327">  
    <tr> Key: 1 Value: Cocoon | <map:generate src="{1}.xml"/> ... <map:serialize/> |  
  </map:match>
```






```
<map:match pattern="products/**" name="outer">
```

Key: 1
Value: books
Key: 2
Value: Cocoon

```
<map:match pattern="**/Cocoon"
```

Key: 1
Value:
products/books

```
<map:generate src="{#outer:1}/Cocoon.xml"/>  
<map:transform  
  src="{#inner:1}/stylesheet.xml"/>  
<map:serialize/>
```

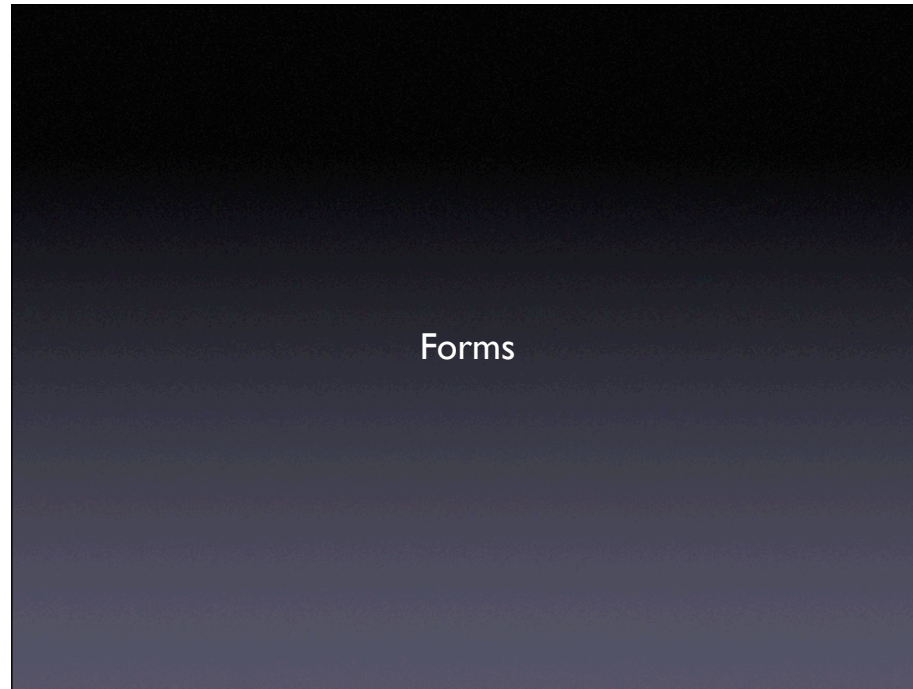
```
</map:match>
```

```
</map:match>
```

genius!

also genius!

6



Forms

Automatic validation; complex things such as repeaters; "just works"

```
<fd:selection-list  
  from-service="userService"  
  from-method="listUsers"/>
```

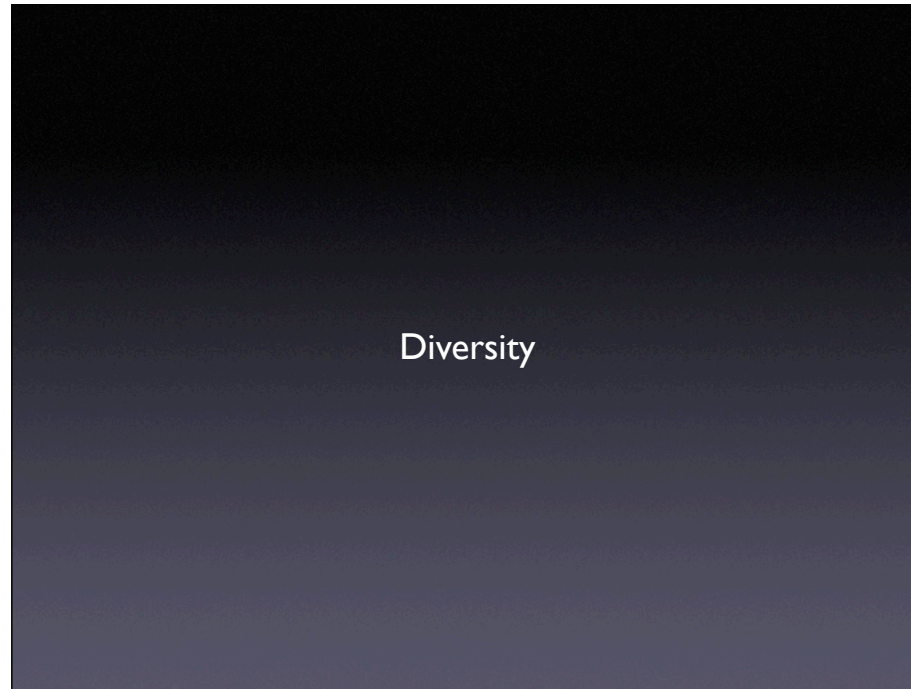
```
<fd:selection-list from-service="userService" from-  
method="listUsers" />
```

Set of components for cforms, configured to work directly with spring/
orm layer, bypassing flow:

```
<fd:selection-list from-service="userService" from-  
method="listUsers" />
```

speeds up development of large sites, keeps structure and
dependencies cleaner

5



Cocoon used in so many different places for so many different purposes. From mobile phone networks to banks, universities to media, it's as broad as it is big.
Who can forget music in Cocoon, Midi?



What other developer community gives you this?

4



(Java)Flow(Script)

Whether you want rapid prototyping or to take advantage of continuations, flow is the answer.

```
<fd:selection-list from-service="userService" from-method="listUsers"/>
```

speeds up development of large sites, keeps structure and dependencies cleaner



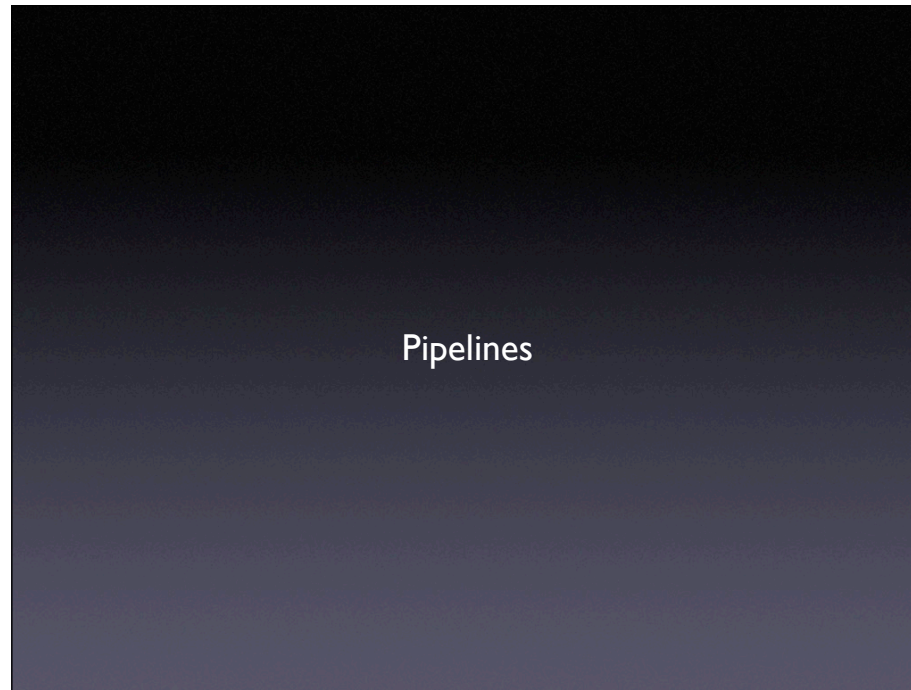
3

how many of you are familiar with the net neutrality bill? Perhaps you caught Senator Ted Stevens (Republican, Alaska) explaining why he voted against it, with an explanation of how the internet works.



The Internet is not something you just dump something on it's a series of tubes.

The poor guy got slated for this, but what most people don't know is he's actually a Cocoon developer in his spare time. He was a bit confused about terminology; what he referred to as tubes we call ...



Everything a pipeline:

even sitemaps

even transformations

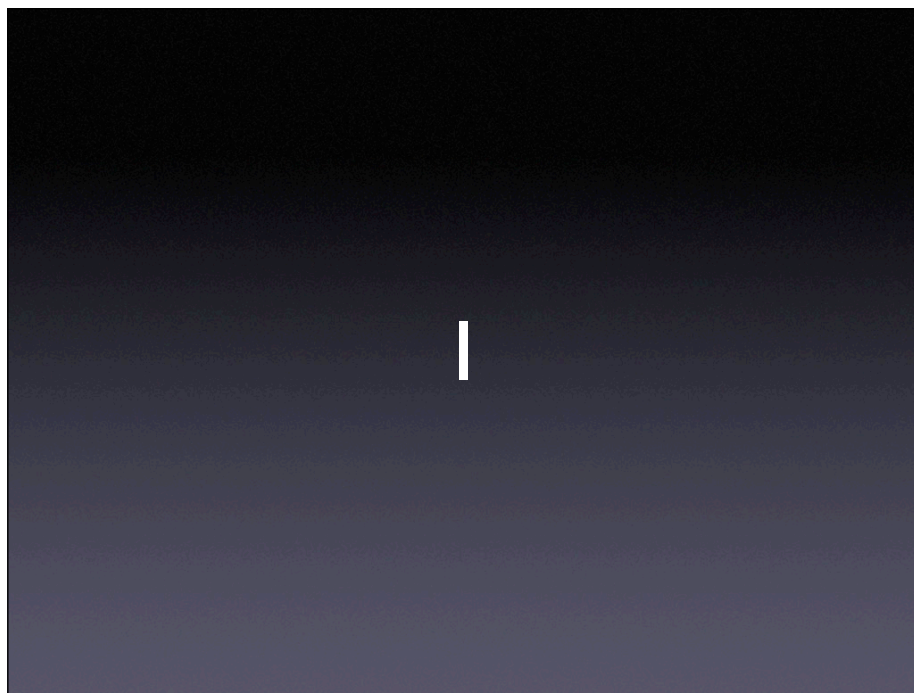


cocoon://

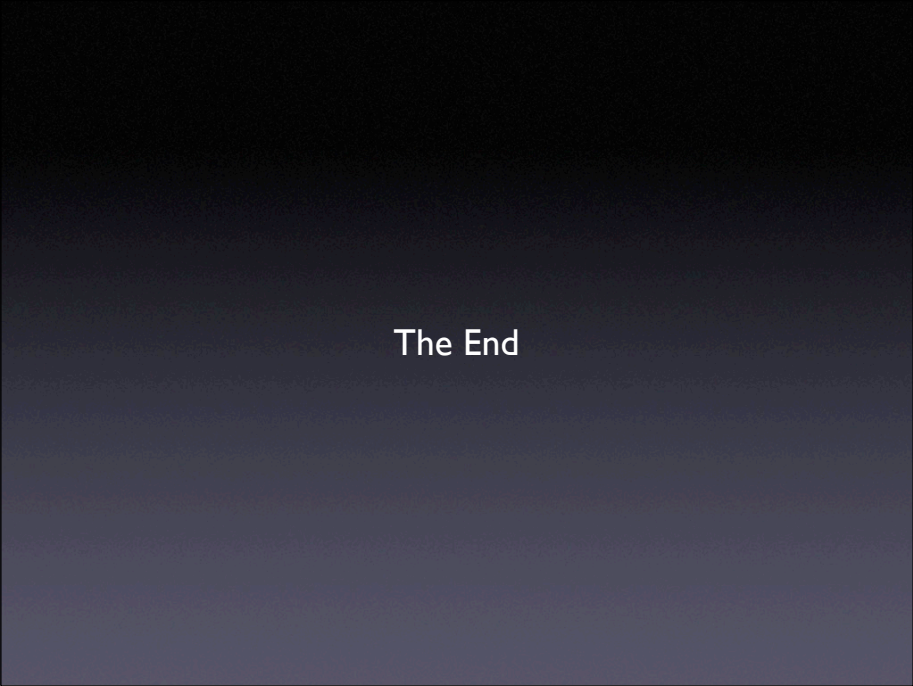
Split a complex problem into smaller re-usable bits.

2



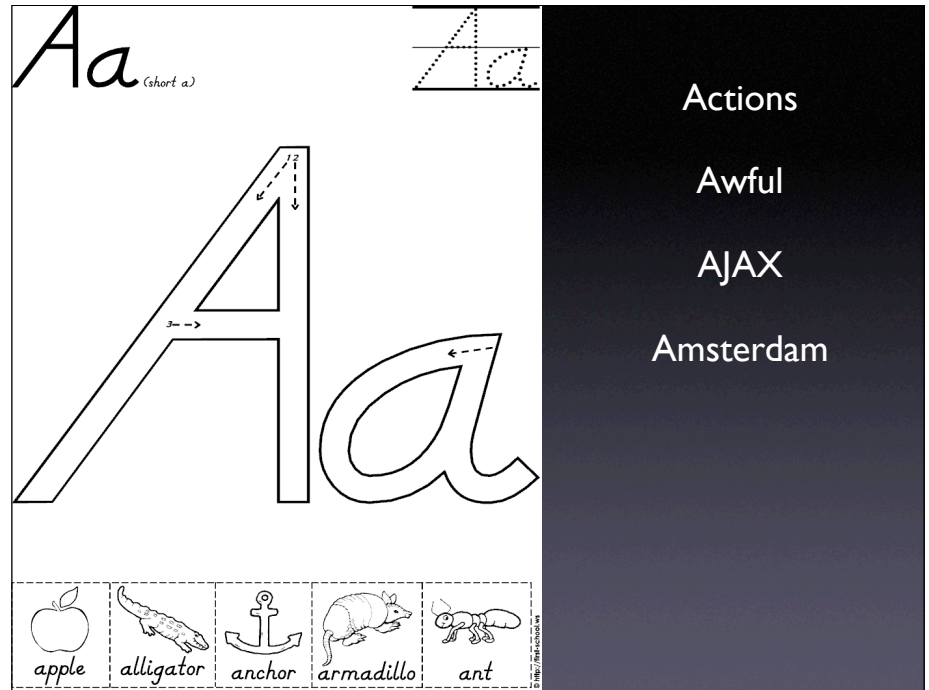


The community



The End

Well, time went by a little quicker than I'd expected....



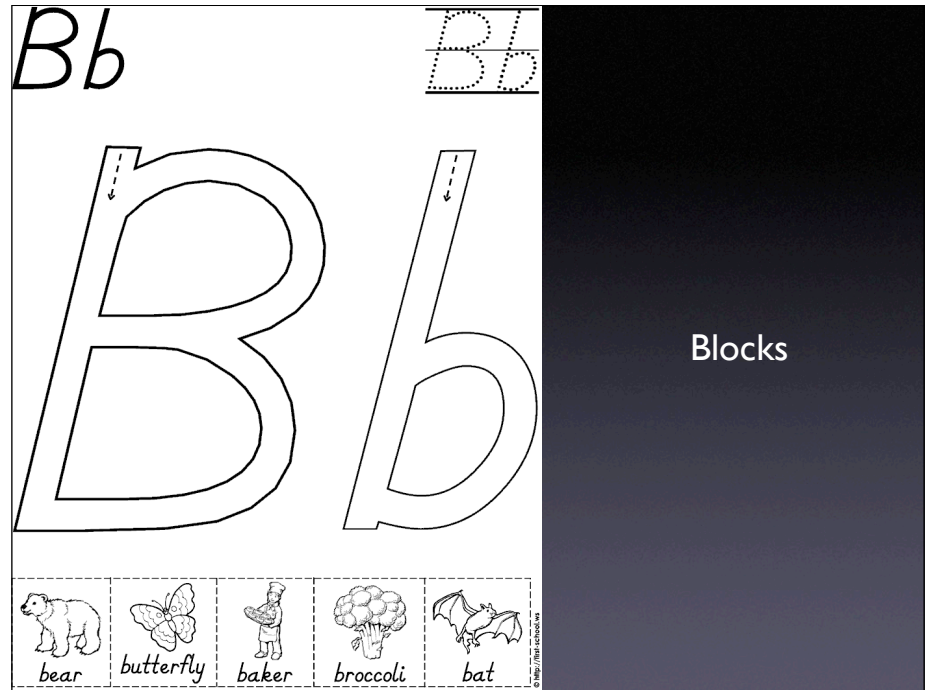
A is for ...

Actions. But it's no coincidence A is also for Awful. Use flow instead.

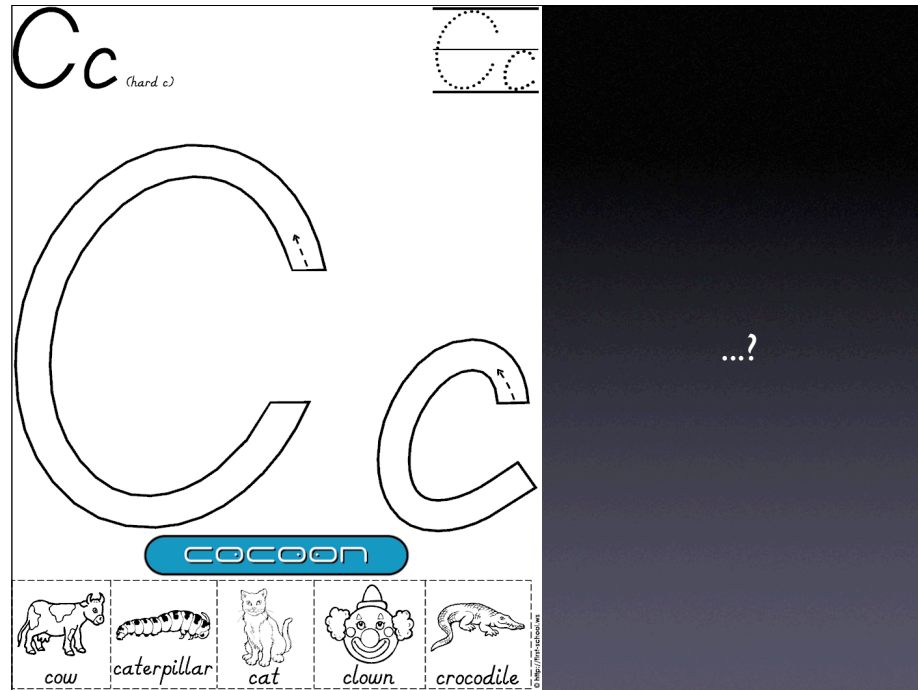
A is also for AJAX, an awesomely accessible addition.

A of course is also for Amsterdam.

Ok, you get the idea. Let's see if you're still awake after lunch, and how much you know about Cocoon



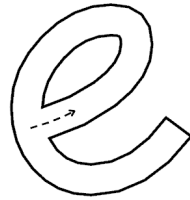
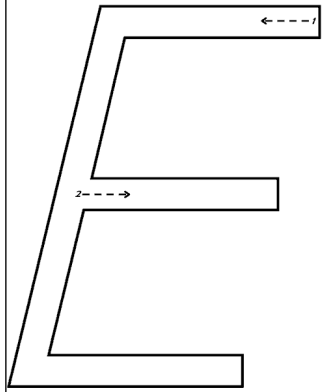
Blocks, the division of Cocoon into more specific components. Pluggable, wireable, reloadable at runtime in Cocoon 3.



C. What begins with... ? I really struggled with this one. Sorry.

Ee (short e)

Ee



elephant



egg



Earth



envelope



elk

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ehcache

Gg



goose



goat



grapes



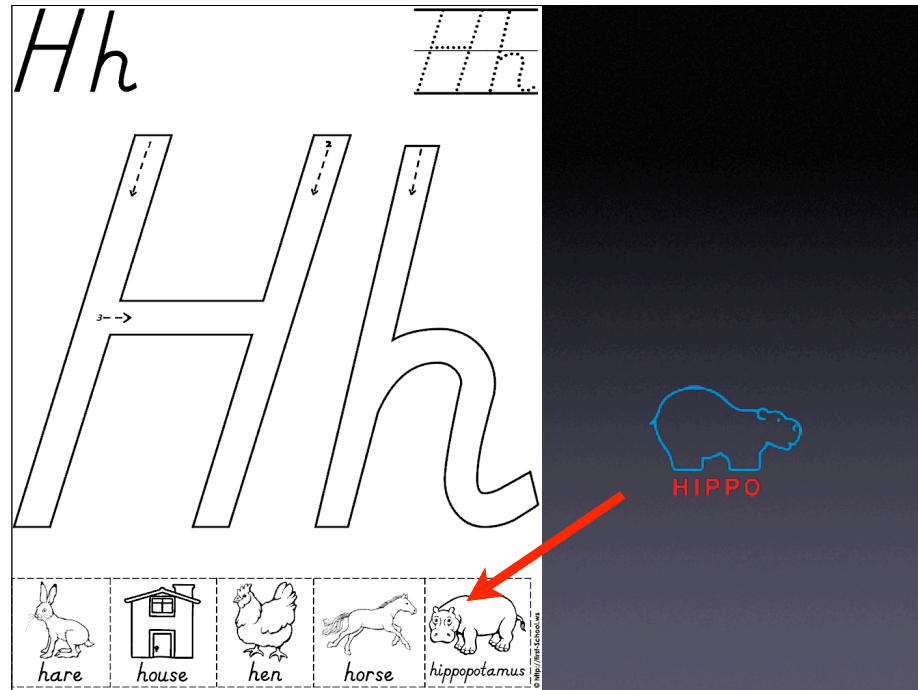
groundhog



gorilla

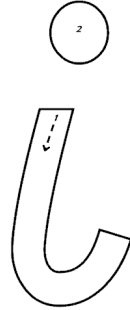
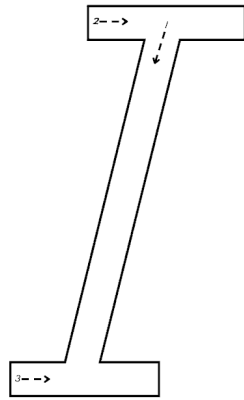
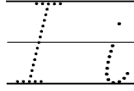
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Generators



Look! Look! It's a hippo! What a bit of luck!

Ii (long i)



ice cream



ice skates



icicle



iron



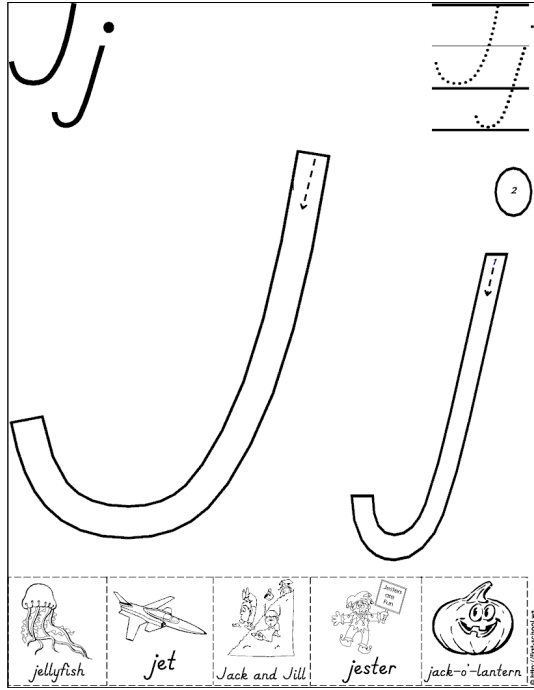
island

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iI8n

Integration

Handwriting practice for the letter 'j'. The page features a large outline of the letter 'j' with a dashed line and an arrow indicating the stroke direction. A smaller version of the letter 'j' is also shown with a dashed line and an arrow. A small circle with the number '2' is positioned above the smaller letter. At the top left, the letters 'j' and 'j.' are written. At the top right, a dotted line of the letter 'j' is shown on a set of three horizontal lines. At the bottom, there are five small illustrations with their corresponding words: a jellyfish, a jet airplane, a scene from the story 'Jack and Jill', a jester, and a jack-o'-lantern. The words are written in a cursive font.



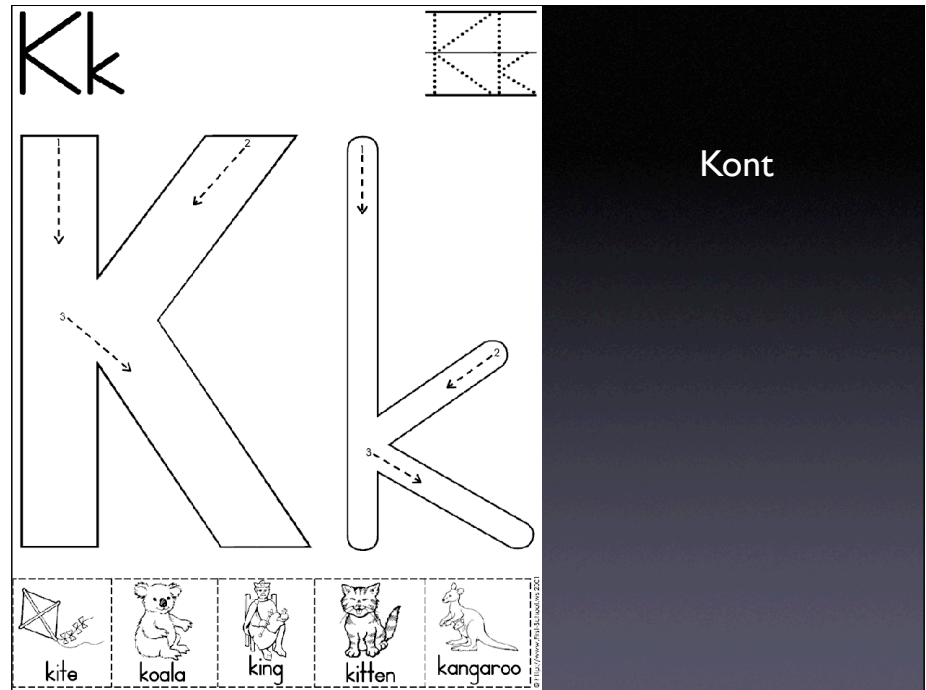
j j.

2

jellyfish jet Jack and Jill jester jack-o'-lantern

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JavaFlow



I'll help you out with this one.

K is for 'kont'... a german abbreviation of "continuation".
Unfortunately, it's also dutch for "arse".
Moral of the story: be careful with your URLs.



<http://www.importantsite.com/foo/12345678.kont>

K is for 'kont'... a german abbreviation of "continuation".
Unfortunately, it's also dutch for "arse".
Moral of the story: be careful with your URLs.

```
<map:match pattern="*.kont">
```

```
<form action="{continuation.id}.kont" method="POST">
```

```
<map:match
```

```
  type="request-parameter"
```

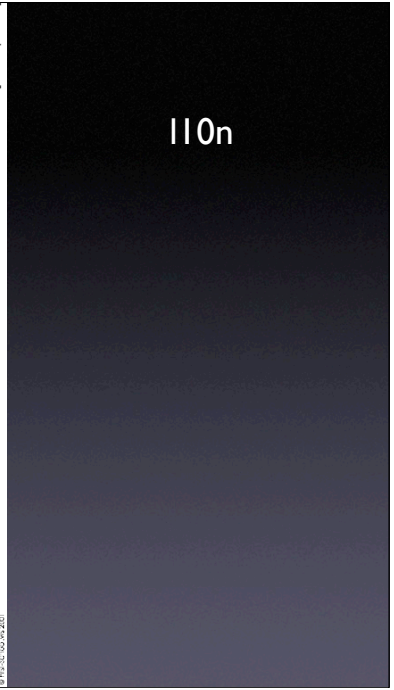
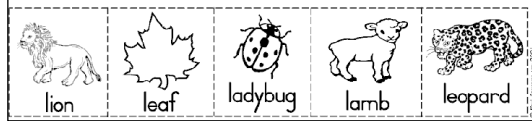
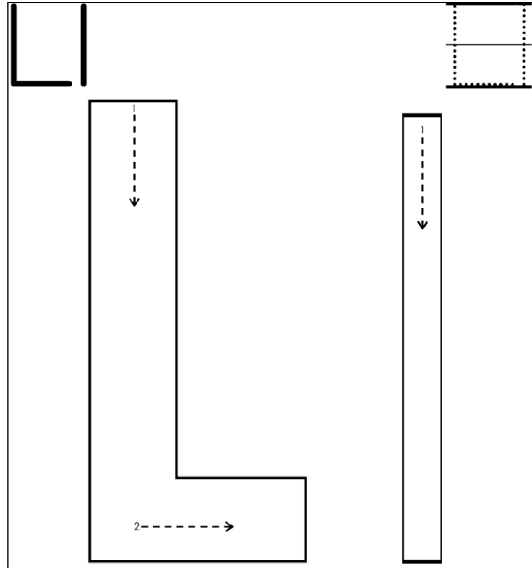
```
  pattern="continuation-id">
```

```
    <map:call continuation="{1}"/>
```

```
</map:match>
```

```
<ft:form-template action="" method="POST">
```

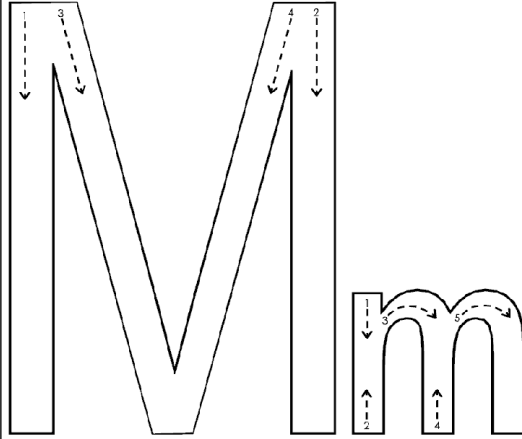
```
<ft:continuation-id/>
```



110n

Mm

Mm



mouse



monkey



moose



mother



mailbox

Multichannel

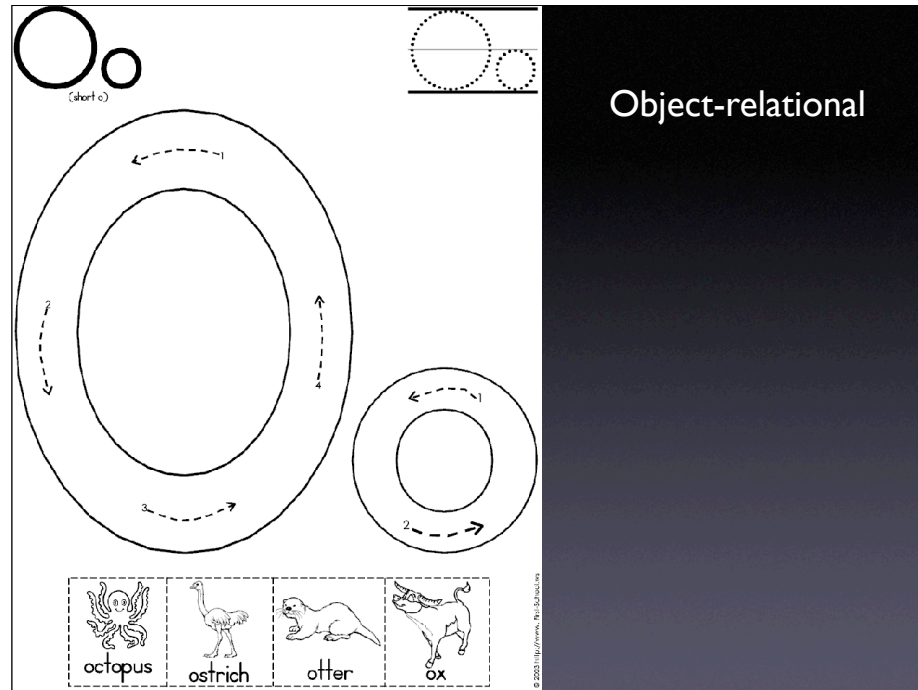
Mavenisation

Nn

nest nine numbers nurse Native American

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naming



... is for “Oh my goodness is he really going to read out the whole alphabet?”

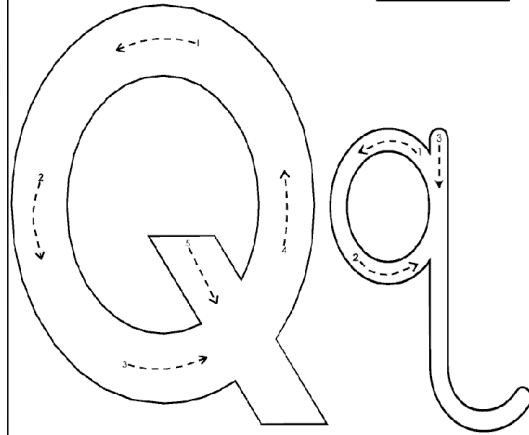
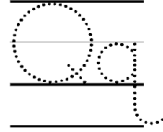
... is for Perform.

Portals

police officer pilot pumpkin panda penguin

© http://www.funfonix.com/2001

Qq



quail



quilt



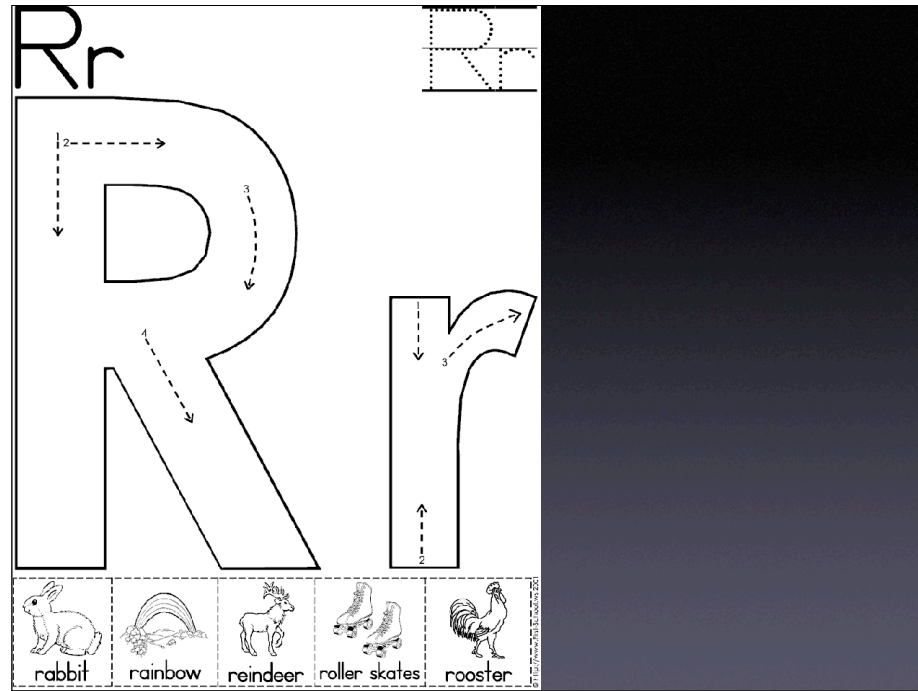
queen



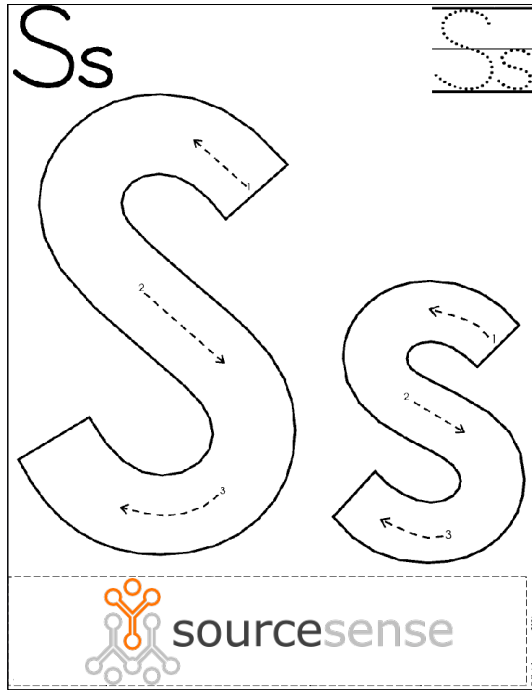
quetzal

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Querybean



repository
readers



Sitemaps

Serializers

T t

teacher turtle teddy bear turkey toad

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Transformers

util

Uu

1 2

1 2 3

umbrella umpire up under

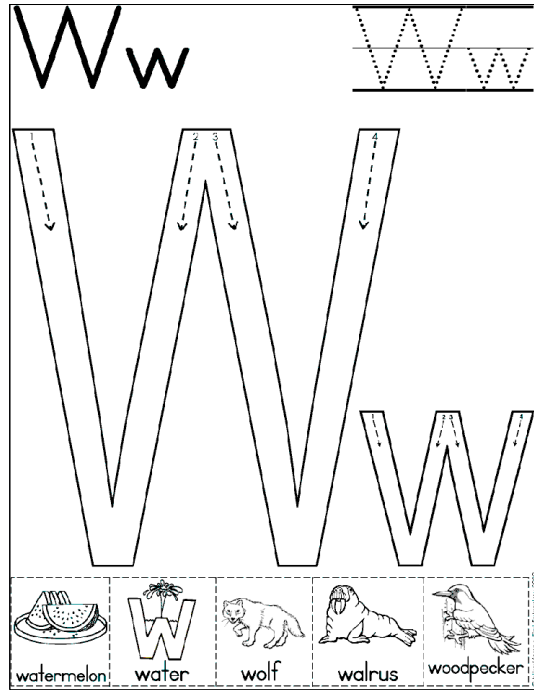
© HarperCollins Publishers 2002

V v

valentine violin vegetables volcano vulture

© 11/12/19 www.funfonix.com

<Verbose></Verbose>



Web 2.0

Why aren't you
using Cocoon?

X x

xylophone X-ray fox T-rex
tyrannosaurus rex

© 2015, Scholastic Teaching Resources

<?xml version="1.0"?>

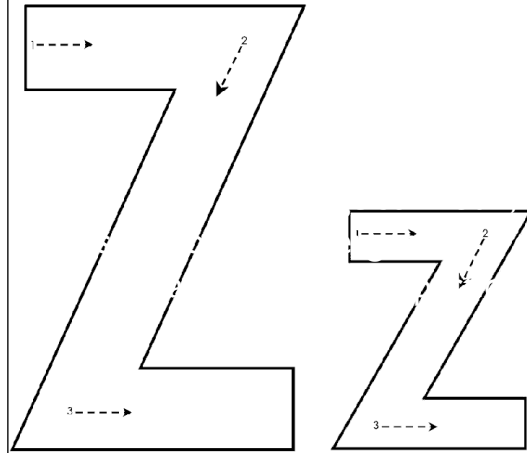
Yy

yacht yak yarn yo-yo yolk

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you.

Zz




Zeitgeist

German.
Mind of thought or feeling
of a period of time.

```
grep "^Subject: " * | sort | uniq -c | grep -v " [1-9] " | sort -nr
```

Calculated using advanced heuristics, natural language processing, lexical patterns, dice coefficient, latent semantic analysis

a hacked together shell script (yes I was hacking on *something* at the hackathon)



Do you remember?

Partly a trip down memory lane, partly a look at the history of the last year to seriously identify common themes, problems and successes.

September 2005

- Shall we switch to Jira?
- GUI installer
- Arjé as committer
- Releasing 2.1.8

Here's a look at the most popular themes of September

The buzz back in September surrounded Jira, a GUI, Arjé and 2.1.8

October 2005

- Is Cocoon obsolete?
- Fixing old bugs
- Shall we switch to Jira?
- Roadmap for Cocoon Blocks
- Releasing 2.1.8

In October, the anti-buzz was on obsolescence, old bugs, Jira, blocks, and 2.1.8

November 2005

- Planning 2.2
- ForrestBot build failed
- A new Cocoon logo
- Releasing 2.1.8
- M10N

In November, we looked to 2.2, ForrestBot was complaining, we talked about logos, and 2.1.8
Oh, and M10N started entering the charts ...

December 2005

- Planning Cocoon 3.0
- The next shiny thing
- Cocoon 2.2 with Maven2
- AJAX roadmap
- ForrestBot build failed

In December, flush with our victory of 2.1.8, we started talking about Cocoon 3, shiny things, Maven, and AJAX. ForrestBot would not shut up.

January 2006

- Block deployment, a user's p.o.v.
- ForrestBot build failed
- Release 2.1.9
- M10N

Blocks, would someone have a quiet word with ForrestBot, 2.1.9, M10N

February 2006

- Using trunk
- Using spring
- Release 2.1.9
- Logkit
- ForrestBot build failed

February was user month, with talk about using trunk and spring.
2.1.9. Logkit. ForrestBot.

March 2006

- A simple release plan
- Release 2.1.9
- OSGI blocks
- Simone Gianni as committer

March saw us come up with a cunning release plan, and talk about 2.1.9

OSGI got popular, so did Simone.

... and just 6 short months later, he gives us blueprint!

April 2006

- Release 2.1.9 (again, again!)
- Gump failed
- Gump failed
- Gump failed
- Gump failed
- What's going on with Gump?

2.1.9 for third month running.
Gump got jealous of ForrestBot's success.

May 2006

- Simplifying setup
- ForrestBot build failed
- 2.2 configuration issues
- Apachecon Hackathon: 2.2?
- Releasing 2.2b1

ForrestBot lives!

June 2006

- holidays?
- Andreas, Peter and Jason as committer

July 2006

- Ard Schrijvers as committer
- New processor interface
- Release 2.2m1
- Continuations consuming RAM
- Maven

August 2006

- Java 5 minimum JDK requirement
- Cocoon 2.2 and Java 5
- Release 2.2m1
- ForrestBot build failed
- Who is this Java 5 anyway?

September 2006

- Roadmap for 2.2
- GT2006
- Maven wanted dead or alive

western sound clip?

The End
(really, this time)