

Building Desktop Applications for OS X with Ruby

Brian Cooke
September 5th, 2008

Schedule

- ★ Why me?
- ★ What is Cocoa?
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

Schedule

- ★ Why me?
- ★ What is Cocoa?
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

Schedule

- ★ Why me?
- ★ What is Cocoa? (selected)
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

Schedule

- ★ Why me?
- ★ What is Cocoa?
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

Schedule

- ★ Why me?
- ★ What is Cocoa?
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

Schedule

- ★ Why me?
- ★ What is Cocoa?
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

Schedule

- ★ Why me?
- ★ What is Cocoa?
- ★ What is RubyCocoa?
- ★ Examples
- ★ Demo
- ★ The future

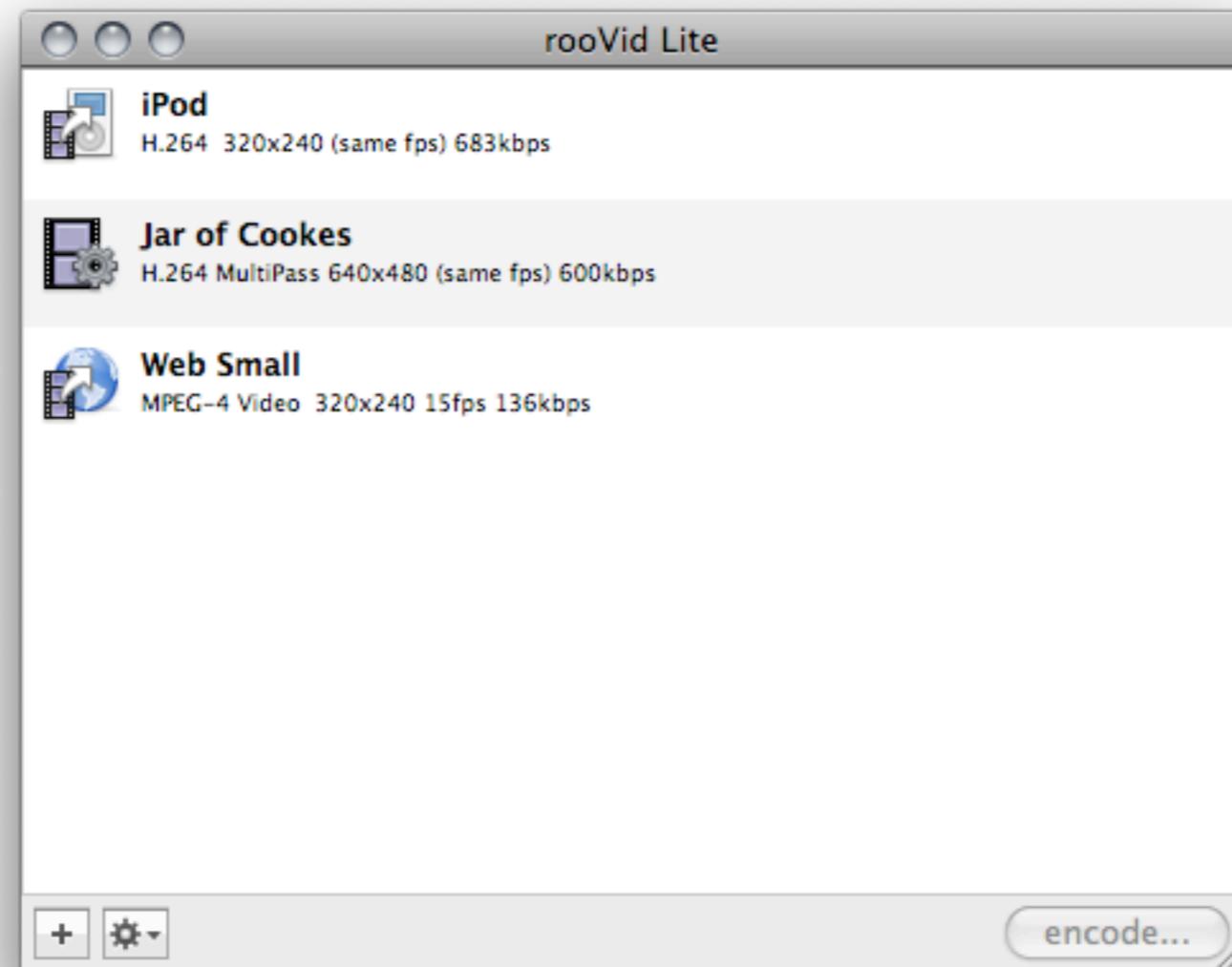
> whoami



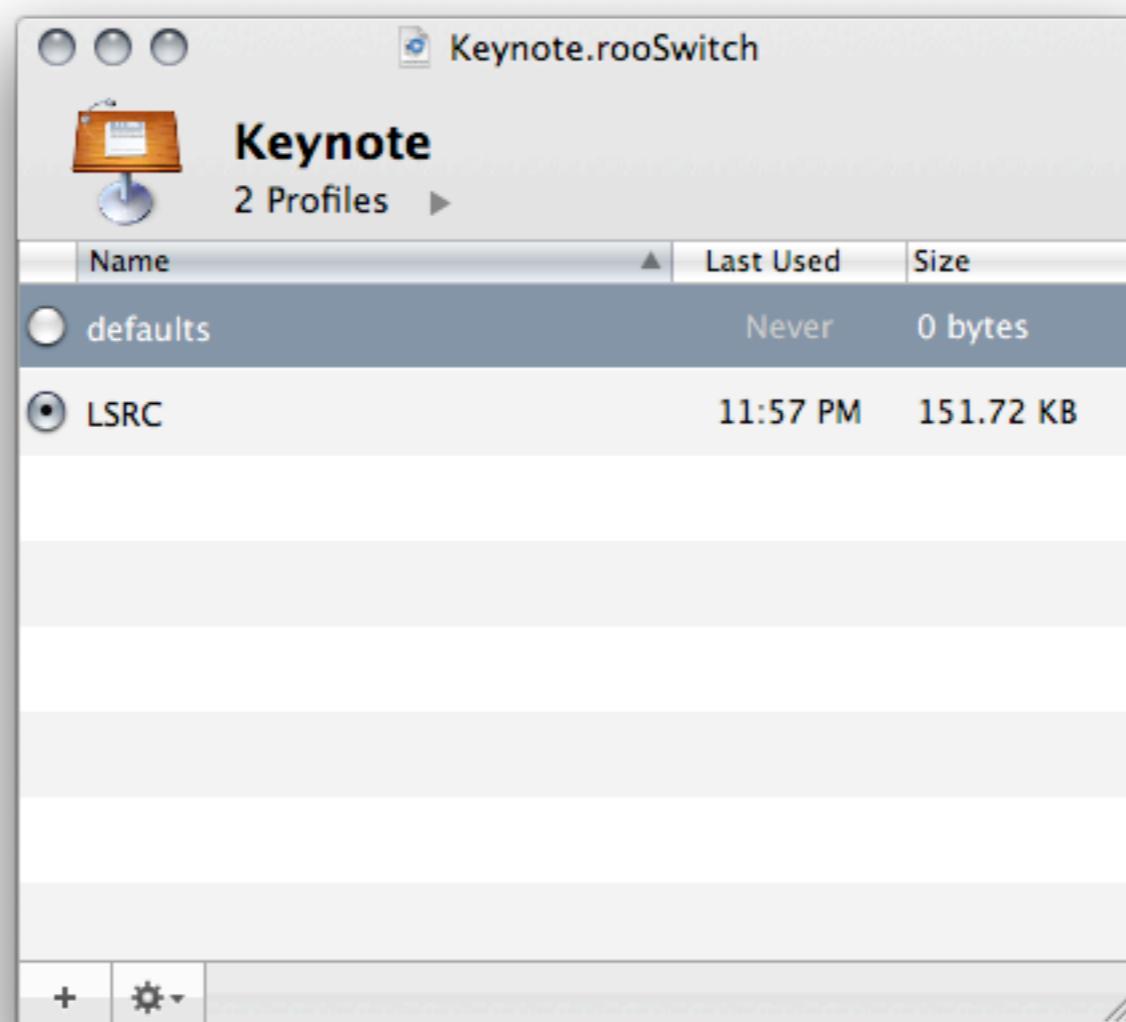


roobasoft

rooVid



rooSwitch





Runner-Up
Best Mac OS X Developer Tool
rooSwitch 1.1.8 roobasoft, LLC

“Oh man, rooSwitch is the
cheese, man”



Merlinn Mann
MacBreak Weekly episode 99

Simply Invoices .com

The screenshot shows the homepage of [Simply Invoices](http://www.simplyinvoices.com/). The header features the company logo with a clock icon and the tagline "Invoice the time you log in Tick". The main content area includes a section about creating invoices quickly, a video call-to-action button, and a dashboard preview showing recent invoices. The footer contains sections for customer reviews and a start button.

Simply Invoices - Home

Tour Pricing About Blog FAQ Register Sign In

Simply Invoices

Invoice the time you log in
Tick

Great Looking Invoices in Minutes.

Simply Invoices is the easiest way to create invoices from the time you've logged in your More Honey project.

Curious just how easy it is? Click the button below to watch a two and a half minute introduction video.

See it in action ▶

What are people saying?

"If you're looking for a quick and easy way to invoice your Basecamp time, Simply Invoices is worth a look."

37signals Product Blog

Ready to get started?

Select a plan on the pricing page, fill in some information and you'll be invoicing away.

Done

Simply Invoices - Dashboard

Logged in successfully

Templates & Recent Invoices

Project	Date	Amount	Actions
Design Thinner Paper - Dunder Mifflin, Inc	Yesterday	\$75.00	
rooSwitch - roobasoft, LLC	Yesterday	\$165.00	
rooPad 1.0 - roobasoft, LLC	Yesterday	\$0.00	

Clearly see your recent invoices



makalu media
SOFTWARE SYSTEMS ENGINEERING & CONSULTING

Catalog Choice – Eliminate unwanted catalogs you receive in the mail

<http://www.catalogchoice.org/>

Already a member? [Login](#)

Eliminate unwanted catalogs you receive.

Simplify your life and save natural resources.

Welcome

- [About Us](#)
- [FAQ](#)
- [Invite Friends](#)
- [Get Started Now »](#)

BLOG Listening to what customers want and need
Why Catalog Choice is a benefit to retailers.
[Read more in the blog »](#)

Clean out your mailbox

Catalog Choice is a free service that lets you decline paper catalogs you no longer wish to receive. Reduce the amount of unsolicited mail in your mailbox, while helping to preserve the environment.

[Get Started!](#)

Already a member? [Login](#)

Are you a merchant?
Join hundreds of merchants saving money, pleasing their customers, and benefitting from a free merchant account. To learn more, visit our [Catalog Choice for Merchants](#) website.

We're making a difference
The Catalog Choice community is presently **993,801 persons** strong, having already opted out of **13,121,321 catalogs**.
Together, we are going to improve our lives, and conserve our planet's natural resources!

Bravo Merchants
A first step to environmental best practices in direct marketing is to honor all mail opt-out requests.
Bravo to all the merchants who have set up a merchant account and are honoring your requests.
[Read more »](#)

<http://www.simplyinvoices.com/tour>

Marek Lieberberg Konzertagentur GmbH & Co.KG Deutschland – www.mlk.com

MEGASTAR WORLD TOUR LIVE

MADONNA
STICKY & SWEET TOUR 2008
04. SEP - 09. SEP [TERMINI](#)

BLUE MAN GROUP
MEGASTAR WORLD TOUR
!! ZUSATZTERMINE !!
15. OKT - 23. NOV [TERMINI](#)

KID ROCK
ALL SUMMER LONG - IN CONCERT 2008
03. DEZ - 14. DEZ [TERMINI](#)

STEVIE WONDER
A WONDER SUMMER'S NIGHT 2008
22. SEP - 25. SEP [TERMINI](#)

DEPECHE MODE
tappen.
Obwohl bisher weder
Termin noch die Tournee an
sich feststehen bzw.

KID ROCK
Offenbach und Düsseldorf.

SUPKNOT

3 DOORS DOWN
TOUR 2008

A FINE FRENZY
TOUR 2008

ROCK-AM-RING
05.-07. JUNI 2009 - NÜRBURGRING/EIFEL

ROCK-IM-PARK
05.-07. JUNI 2009 - NÜRNBERG

AIRBOURNE
TOUR 2008

ALTER BRIDGE
NOVEMBER TOUR 2008

BRYAN ADAMS

SUCHE
Datum
Künstler / Event
Stadt / Ort

NEWSLETTER
deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLETTER
deine@mailadresse.de

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE
Newsletter bestellen

NEWSLET

Catalog Choice - Eliminate unwanted catalogs you receive in the mail

<http://www.catalogchoice.org/>



Already a member? [Login](#)

Eliminate unwanted catalogs you receive.

Simplify your life and save natural resources.

Welcome

- About Us
- FAQ
- Invite Friends
- Get Started Now »

BLOG Listening to what customers want and need
Why Catalog Choice is a benefit to retailers.
[Read more in the blog »](#)

Clean out your mailbox

Catalog Choice is a free service that lets you decline paper catalogs you no longer wish to receive. Reduce the amount of unsolicited mail in your mailbox, while helping to preserve the environment.

[Get Started!](#)

Already a member? [Login](#)

Are you a merchant?
Join hundreds of merchants saving money, pleasing their customers, and benefitting from a free merchant account. To learn more, visit our [Catalog Choice for Merchants](#) website.

We're making a difference
The Catalog Choice community is presently **993,801** persons strong, having already opted out of **13,121,321** catalogs.
Together, we are going to improve our lives, and conserve our planet's natural resources!

Bravo Merchants
A first step to environmental best practices in direct marketing is to honor all mail opt-out requests.
Bravo to all the merchants who have set up a merchant account and are honoring your requests.
[Read more »](#)

<http://www.simplyinvoices.com/tour>

Marek Lieberberg Konzertagentur GmbH & Co.KG Deutschland - www.mlk.com



MEGASTAR WORLD TOUR LIVE



MADONNA
STICKY & SWEET TOUR 2008
04. SEP - 09. SEP [TERMINI](#)

BLUE MAN GROUP
MEGASTAR WORLD TOUR
!! ZUSATZTERMINE !!
15. OKT - 23. NOV [TERMINI](#)

KID ROCK
ALL SUMMER LONG - IN CONCERT 2008
03. DEZ - 14. DEZ [TERMINI](#)

DEPECHE MODE
tappen.
Obwohl bisher weder Temme noch die Tournee an sich feststehen bzw.

STEVIE WONDER
A WONDER SUMMER'S NIGHT 2008
22. SEP - 25. SEP [TERMINI](#)

ROCK-AM-RING
05.-07. JUNI 2009 - NÜRBURGRING/EIFEL
05. JUN - 07. JUN [TERMINI](#)

ROCK-IM-PARK
05.-07. JUNI 2009 - NÜRNBERG
05. JUN - 07. JUN [TERMINI](#)

3 DOORS DOWN
TOUR 2008
22. OKT - 02. NOV [TERMINI](#)

A FINE FRENZY
TOUR 2008
14. NOV - 30. NOV [TERMINI](#)

WEITERE NEWS

BRYAN ADAMS

SUCHE
Datum
Künstler / Event
Stadt / Ort

NEWSLETTER
deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

EVENT KALENDER

IMPRESSUM

SUCHE

Datum
Künstler / Event
Stadt / Ort

NEWSLETTER

deine@mailadresse.de
Newsletter bestellen

STARSEITE

TICKET INFO

NEWSLETTER

PRESSE

INFOS ZU MLK

ARCHIV

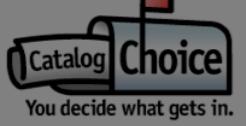
EVENT KALENDER

IMPRESSUM

<

Catalog Choice – Eliminate unwanted catalogs you receive in the mail

<http://www.catalogchoice.org/>



Already a member? [Login](#)

Eliminate unwanted catalogs you receive.

Simplify your life and save natural resources.

Welcome

- [About Us](#)
- [FAQ](#)
- [Invite Friends](#)
- [Get Started Now »](#)

BLOG Listening to what customers want and need
Why Catalog Choice is a benefit to retailers.
[Read more in the blog »](#)

Clean out your mailbox

Catalog Choice is a free service that lets you decline paper catalogs you no longer wish to receive. Reduce the amount of unsolicited mail in your mailbox, while helping to preserve the environment.

[Get Started!](#)

Already a member? [Login](#)

Are you a merchant?
Join hundreds of merchants saving money, pleasing their customers, and benefitting from a free merchant account. To learn more, visit our [Catalog Choice for Merchants](#) website.

We're making a difference
The Catalog Choice community is presently **993,801** persons strong, having already opted out of **13,121,321** catalogs.
Together, we are going to improve our lives, and conserve our planet's natural resources!

Bravo Merchants
A first step to environmental best practices in direct marketing is to honor all mail opt-out requests.
Bravo to all the merchants who have set up a merchant account and are honoring your requests.
[Read more »](#)

<http://www.simplyinvoices.com/tour>

Marek Lieberberg Konzertagentur GmbH & Co.KG Deutschland – www.mlk.com



MEGASTAR WORLD TOUR LIVE

MADONNA
STICKY & SWEET TOUR 2008
04. SEP – 09. SEP TERMINE

BLUE MAN GROUP
MEGASTAR WORLD TOUR
!! ZUSATZTERMINE !!
15. OKT – 23. NOV TERMINE

KID ROCK
ALL SUMMER LONG - IN CONCERT 2008
03. DEZ – 14. DEZ TERMINE

STEVIE WONDER
A WONDER SUMMER'S NIGHT 2008
22. SEP – 25. SEP TERMINE

DEPECHE MODE
tappen.
Obwohl bisher weder
Termine noch die Tournee an
sich feststehen bzw.

KID ROCK
Offenbach und Düsseldorf.

SUPKNOT

WEITERE NEWS

3 DOORS DOWN
TOUR 2008
22. OKT – 02. NOV TERMINE

A FINE FRENZY
TOUR 2008
14. NOV – 30. NOV TERMINE

AIRBOURNE
TOUR 2008
18. DEZ – 28. DEZ TERMINE

ALTER BRIDGE
NOVEMBER TOUR 2008
15. NOV – 25. NOV TERMINE

BRYAN ADAMS

SUCHE
Datum
Künstler / Event
Stadt / Ort

NEWSLETTER
deine@mailadresse.de
Newsletter bestellen

THE MOODY BLUES

Read banners.mlk.com



makalumedia

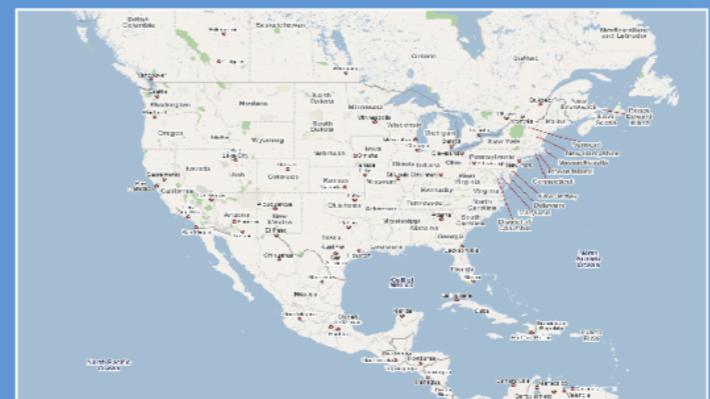
SOFTWARE SYSTEMS ENGINEERING & CONSULTING

Letters to the Next President – Visual Preview

<http://www.makalumedia.com/projects/google/nwp/index.html>

Writing Our Future Sponsored by: **N&P Google**

Letters to the Next President



Read my letter to the U.S. presidential candidates, on the issues that matter the most to me.

Global warming **Economy** **Iraq**
Health Care **Environment**
Global warming **Economy**
Iraq **Health Care** **Environment**
Economy **Global warming**
Economy **Iraq** **Health Care**
Environment **Global warming**
Economy

Managing inflation by [John S.](#)
Nemo enim ipsam voluptatem quia
voluptas sit aspernatur aut....

Managing inflation by [John S.](#)
Nemo enim ipsam voluptatem quia
voluptas sit aspernatur aut....

Managing inflation by [John S.](#)
Nemo enim ipsam voluptatem quia
voluptas sit aspernatur aut....

Managing inflation by [John S.](#)
Nemo enim ipsam voluptatem quia
voluptas sit aspernatur aut....

Irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla labore et
dolore magna aliqua ex ea commodo aliqua. Irure
dolor in reprehenderit ulla labore et dolore.

[Read the full essay by Caroline P.](#)

Father





What is Cocoa?





"Cocoa is Apple's name for the collection of frameworks, APIs, and accompanying runtimes that make up the development layer of Mac OS X"

developer.apple.com





“Cocoa helps you create
commercial-grade applications
quickly and efficiently”

developer.apple.com

“Cocoa helps you create
commercial-grade applications
quickly and efficiently”

developer.apple.com

Objective-C

not as bad as it sounds

```
NSArray *my_array = [[NSArray alloc] initWithObjects:@"o1", @"o2", nil];
```

Some similarities

- ★ Messages are sent to objects
- ★ Not strongly typed
- ★ Classes open (kind of)
- ★ Blocks? (soon)
- ★ <http://en.wikipedia.org/wiki/Objective-C>

Some similarities

- ★ Messages are sent to objects
- ★ Not strongly typed
- ★ Classes open (kind of)
- ★ Blocks? (soon)
- ★ <http://en.wikipedia.org/wiki/Objective-C>

Some similarities

- ★ Messages are sent to objects
- ★ Not strongly typed
- ★ Classes open (kind of)
- ★ Blocks? (soon)
- ★ <http://en.wikipedia.org/wiki/Objective-C>

Some similarities

- ★ Messages are sent to objects
- ★ Not strongly typed
- ★ Classes open (kind of)
- ★ Blocks? (soon)
- ★ <http://en.wikipedia.org/wiki/Objective-C>

Some similarities

- ★ Messages are sent to objects
- ★ Not strongly typed
- ★ Classes open (kind of)
- ★ Blocks? (soon)
- ★ <http://en.wikipedia.org/wiki/Objective-C>

Some similarities

- ★ Messages are sent to objects
- ★ Not strongly typed
- ★ Classes open (kind of)
- ★ Blocks? (soon)
- ★ <http://en.wikipedia.org/wiki/Objective-C>

Tools



Xcode



Interface Builder

or

“IB”

On Your OS X Install Disc

You probably have it installed



Xcode

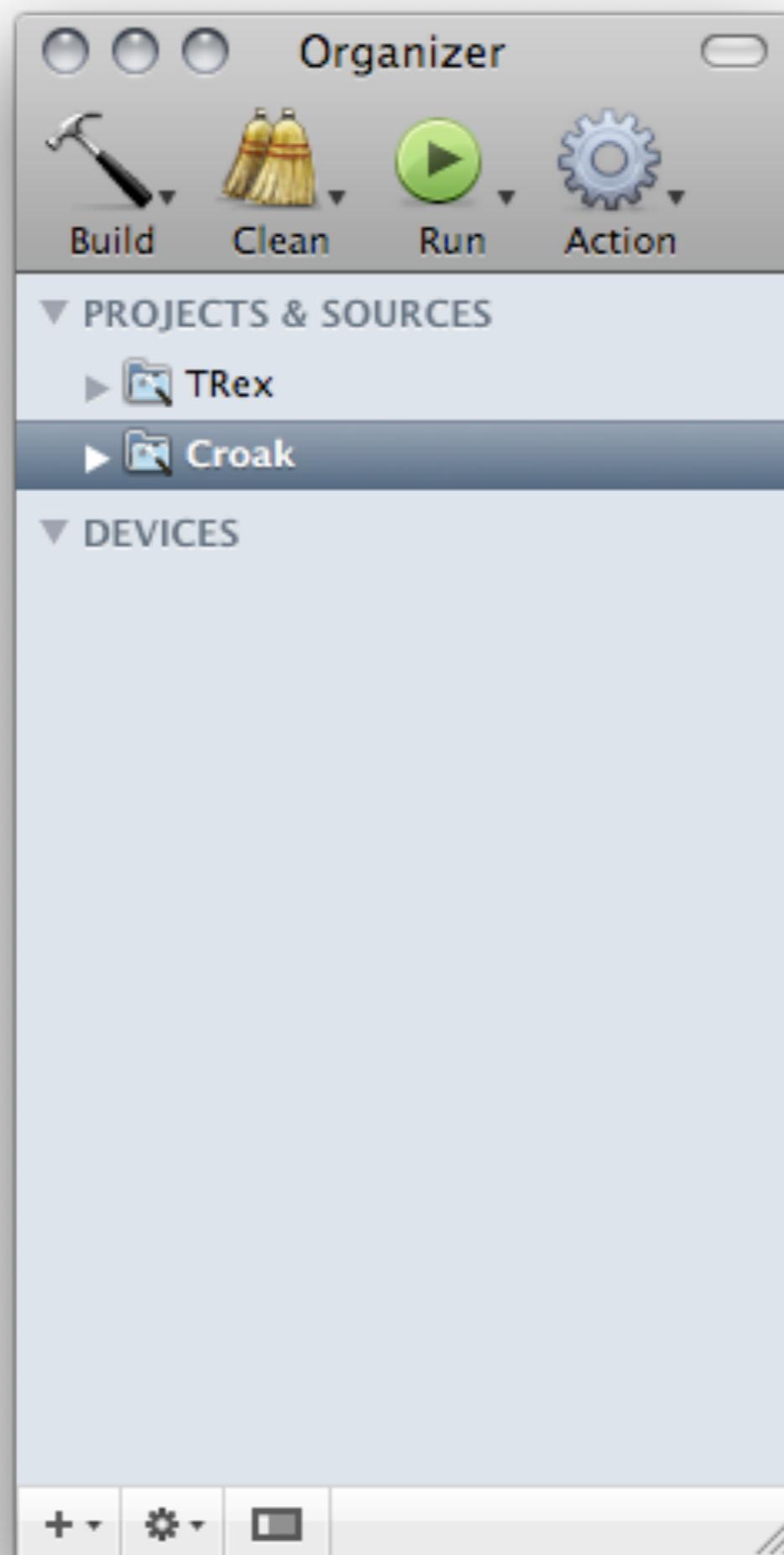
- ★ Organizes
- ★ Edits (if you want)
- ★ Builds
- ★ Launches
- ★ Teaches



Xcode

- ★ Organizes
- ★ Edits (if you want)
- ★ Builds
- ★ Launches
- ★ Teaches





Xcode

- ★ Organizes
- ★ Edits (if you want)
- ★ Builds
- ★ Launches
- ★ Teaches



rb AboutController.rb - Croak

Croak Debug ⚙ String Matching

Groups & Files

- croak
- 3rdParty
- Classes
 - Models
 - HoptoadInfo.rb
 - Error.rb
 - Controllers
 - ApplicationController.rb
 - CroakController.rb
 - WindowController
 - HoptoadInfoSheet
 - PreferencesController
 - AboutController.rb
 - Views
 - CroakTableView.rb
 - CroakCell.rb
 - Other Sources
 - main.m
 - rb_main.rb
 - Resources
 - blkContextButton.tiff
 - blkContextButtonSel
 - Croak.icns
 - green_frog.gif
 - grey_frog.gif

File Name

File Name	Code	×	▲	◎
AboutController.rb				<input checked="" type="checkbox"/>
ApplicationController.rb				<input checked="" type="checkbox"/>
CroakController.rb				<input checked="" type="checkbox"/>

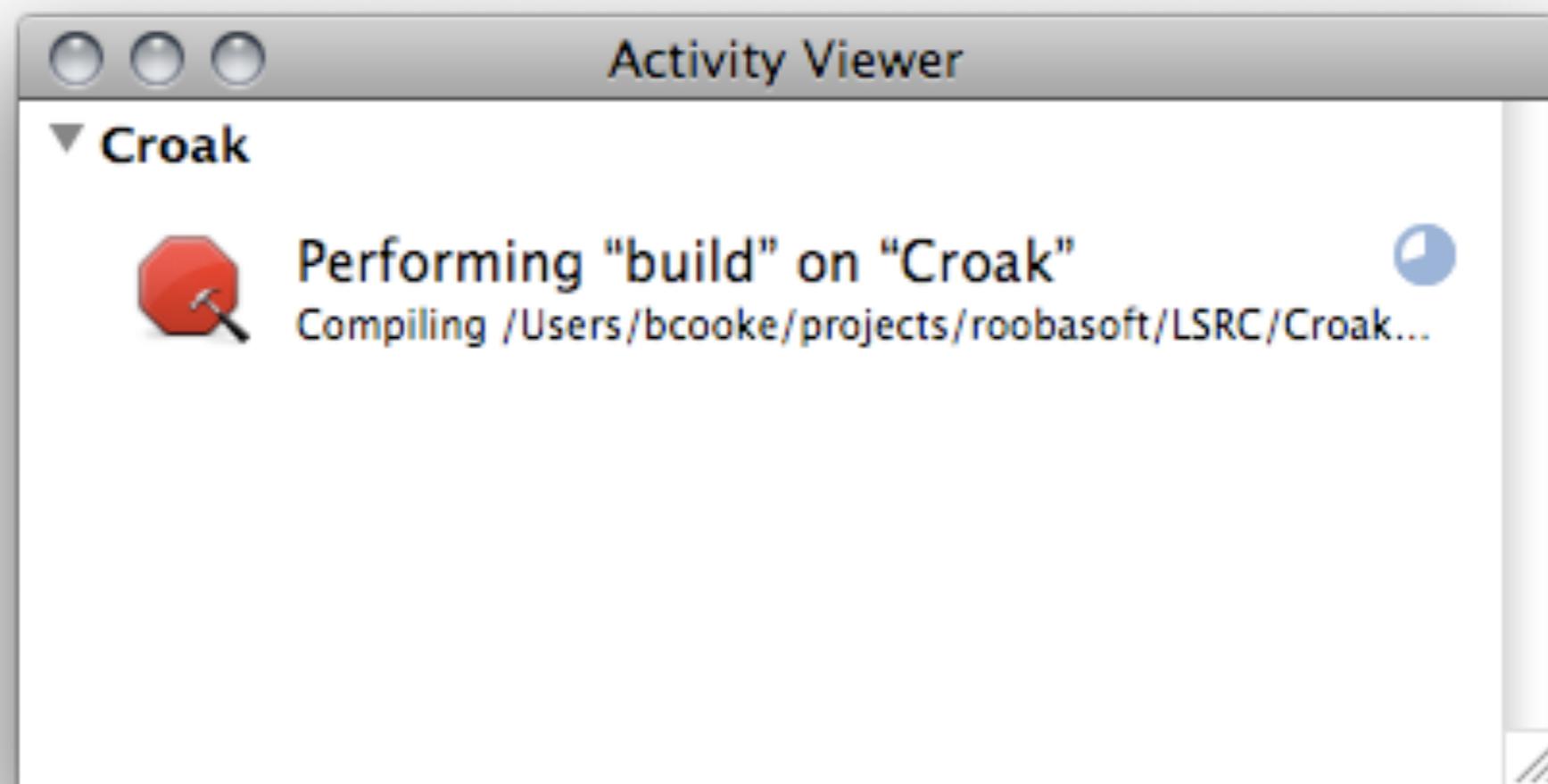
AboutController.rb:12 f awakeFromNib

```
#  
# AboutController.rb  
# Croak  
#  
# Created by Brian Cooke on 8/30/08.  
# Copyright (c) 2008 roobasoft, LLC. All rights reserved.  
  
class AboutController < NSWindowController  
    ib_outlet :credits_text_view, :version_label  
  
    def awakeFromNib  
        @credits_text_view.readRTFDFromFile(NSBundle.mainBundle.  
            pathForResource_ofType("Credits", "rtf"))  
  
        infoDotPlist = "#{OSX::NSBundle.mainBundle.resourcePath.  
            fileSystemRepresentation}/../Info.plist"  
        plistData = NSData.dataWithContentsOfFile(infoDotPlist);  
        format = nil  
        error = nil  
        plist = NSPropertyListSerialization.  
            propertyListFromData_mutabilityOption_format_errorDescrip  
            tion(plistData, NSPropertyListImmutable.to_i, format,  
            error)  
        @version_label.setStringValue("Croak " + plist.valueForKey
```

Xcode

- ★ Organizes
- ★ Edits (if you want)
- ★ Builds
- ★ Launches
- ★ Teaches





Xcode

- ★ Organizes
- ★ Edits (if you want)
- ★ Builds
- ★ Debugs
- ★ Teaches



rooSwitch - Debugger Console

10.4 | Debug | rooSwitch... ▾

Overview Build and Go Tasks Restart Continue Deactivate Clear Log

```
temp_1622650073/ for type rooSwitchDocument
2008-09-03 17:04:48.321 rooSwitch[7056:813] RSPersistentBundleDocument.m:256 read from
file://localhost/Users/bcooke/Library/Application Support/rooSwitch/
Acorn.rooSwitch/ for type rooSwitch Document
2008-09-03 17:04:48.354 rooSwitch[7056:813] rooSwitchDocument.m:1447 Save @ path: (null)
2008-09-03 17:04:48.892 rooSwitch[7056:813] RSPersistentBundleDocument.m:406
windowController loaded
2008-09-03 17:04:48.967 rooSwitch[7056:813] DocController.m:531 Using default app icon
2008-09-03 17:04:48.996 rooSwitch[7056:813] Profile.m:33 new profile
2008-09-03 17:04:48.997 rooSwitch[7056:813] Profile.m:33 new profile
2008-09-03 17:04:48.999 rooSwitch[7056:813] Profile.m:33 new profile
(gdb) po self
<RSApplicationFileAnalyzer: 0x25a2bd0>
Current language: auto; currently objective-c
(gdb) |
GDB: Stopped at breakpoint 1 (hit count : 1) - '-initWithApplication: - Line 31'
```

Xcode

- ★ Organizes
- ★ Edits (if you want)
- ★ Builds
- ★ Debugs
- ★ Teaches



NSBundle Class Reference — Developer Documentation

C++ Java Obj-C

Back/Forward Print API Options Browse Search

API Title Full-Text All Doc Sets Selected Doc Sets All Languages ObjC Starts With Contains Exact

Location	Document Title	▲ Documentat
	NSBundle Additions Reference	Core Library
	NSBundle Class Reference	Core Library
	NSBundle Class Reference	iPhone OS Li...
	NSBundle UIKit Additions Reference	iPhone OS Li...

DOC SETS

- Apple Mac OS X 10.5
 - Core Library
 - J2SE 5... [GET](#)
 - Java 1... [GET](#)
 - Java Li... [GET](#)
 - WebO... [GET](#)
- Apple Xcode 3.1
 - Developer Tools L...
- Apple iPhone OS 2.0
 - iPhone OS Library
- RegexKit Documentation
 - Reference Library

BOOKMARKS

- Xcode 3.1 Release ...
- Xcode 3.1 Release ...
- Xcode 3.0 Release ...
- AppKit Reference
- Foundation Reference
- Xcode Build Setting...
- Xcode Expert Prefer...
- Web Kit Reference
- Search Kit

NSBundle Class Reference

PDF

Overview

- Tasks
- Class Methods
- Instance Methods
- Constants
- Notifications
- Revision History
- Index

Declared In

NSBundle.h

pathForResource:type:

Returns the full pathname for the resource identified by a given name and specified file extension.

```
- (NSString *)pathForResource:(NSString *)name ofType:(NSString *)extension
```

Parameters

name
The name of the resource file.

extension
The file extension of a resource with the name *name*.

Return Value
The full pathname for the resource file or `nil` if the file could not be located.

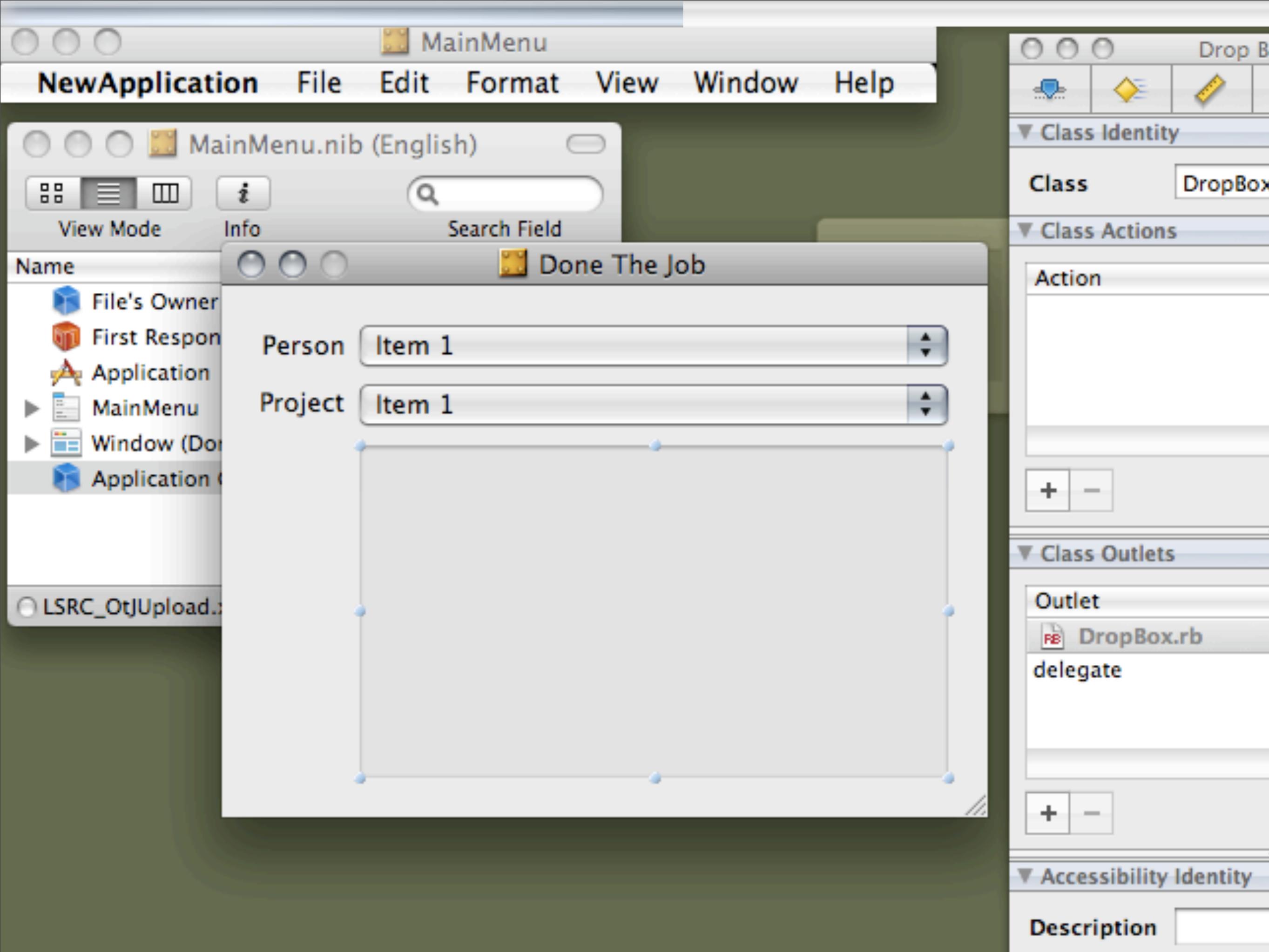
Discussion
If *extension* is an empty string or `nil`, the returned pathname is the first one encountered where the file name exactly matches *name*.
The method first looks for a matching resource file in the nonlocalized resource directory (typically `Resources`) of the specified bundle. If a matching resource file is not found, it then looks in the top level of any available

Core Library > Cocoa > Resource Management > NSBundle Class Reference > NSBundle Class Reference Found 4 documents

Interface Builder

Builds interfaces





KVC, KVO and Bindings



Key-Value Coding

```
[self setValue:[NSNumber numberWithInt:5]
          forKey:@"fido"];
```

```
[self valueForKey:@"fido"];
=> 5
```

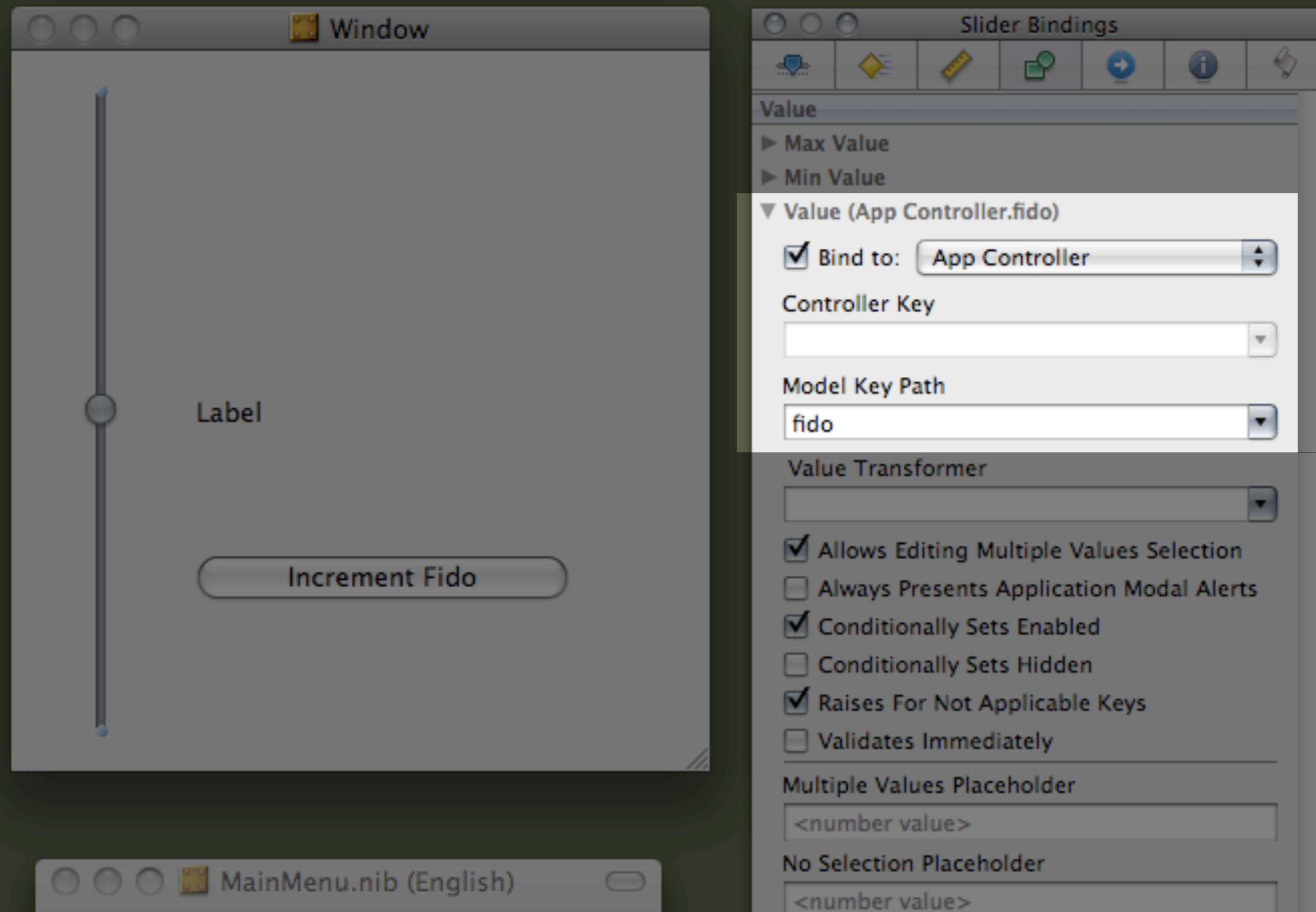
Bindings

Bindings

The image shows a Mac OS X application window titled "Window". Inside the window, there is a vertical slider labeled "Label", a button labeled "Increment Fido", and a label "fido" below the button. To the right of the window is the "Slider Bindings" inspector, which has the following settings:

- Value**:
 - Max Value
 - Min Value
 - Value (App Controller.fido)
 - Bind to: App Controller
- Controller Key**: (empty)
- Model Key Path**: fido
- Value Transformer**: (empty)
- Options**:
 - Allows Editing Multiple Values Selection
 - Always Presents Application Modal Alerts
 - Conditionally Sets Enabled
 - Conditionally Sets Hidden
 - Raises For Not Applicable Keys
 - Validates Immediately
- Multiple Values Placeholder**: <number value>
- No Selection Placeholder**: <number value>

Bindings



Key-Value Observing

```
- (IBAction)incrementFido:(id)sender
{
    [self willChangeValueForKey:@"fido"];
    [self setFido:[self fido] + 1];
    NSLog(@"fido is now %d", fido);
    [self didChangeValueForKey:@"fido"];
}
```

Key-Value Observing

```
- (IBAction)incrementFido:(id)sender
{
    [self willChangeValueForKey:@"fido"];
    [self setFido:[self fido] + 1];
    NSLog(@"fido is now %d", fido);
    [self didChangeValueForKey:@"fido"];
}
```

What is RubyCocoa?

A bridge between
two worlds

```
NSArray *my_array = [[NSArray alloc]  
initWithObjects:@"o1", @"o2", nil];
```

```
my_array = ["o1", "o2"];
```

```
- (NSString *)pathForResource:(NSString *)name  
                      ofType:(NSString *)extension
```

```
NSBundle mainBundle.pathForResourceOfType("Credits", "rtf")
```

```
- (NSString *)pathForResource:(NSString *)name  
                      ofType:(NSString *)extension
```

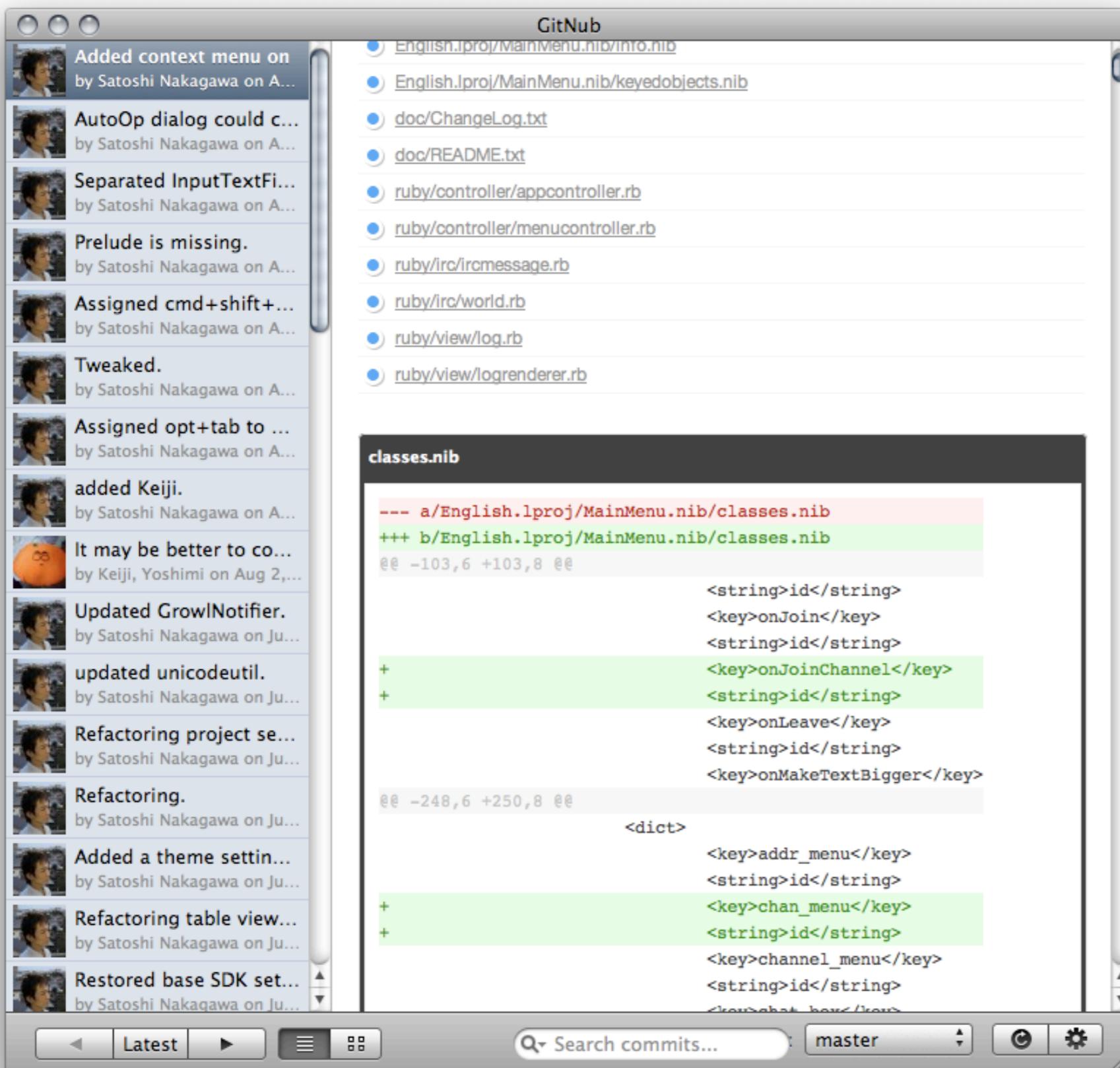
```
NSBundle mainBundle.pathForResourceOfType("Credits", "rtf")
```

Examples

GitNub



<http://github.com/Caged/gitnub>



<http://github.com/Caged/gitnub>

Croak



<http://github.com/bricooke/croak-app>

Hoptoad

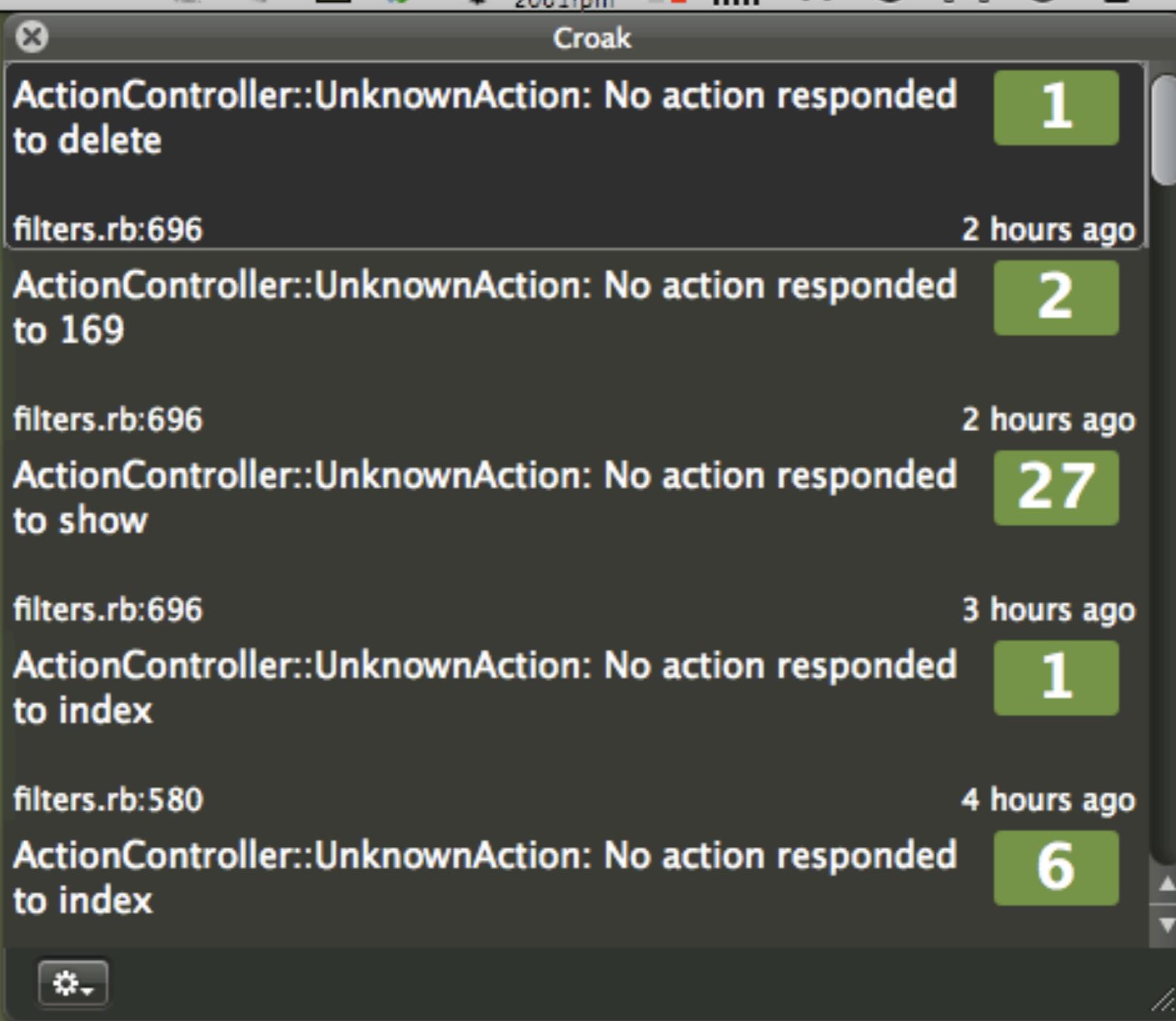
<http://hoptoadapp.com>

Screenshot of the Hoptoad application interface:

The browser title bar shows "Hoptoad". The address bar contains "http://makalumedia.hoptoadapp.com/". The top navigation bar includes links for "RSS", "Inquisitor", and a lock icon. The main menu bar features "ERRORS", "PROJECTS", "USERS", "MY PROFILE" (which is highlighted), and "LOGOUT".

A green button labeled "Show resolved errors" is visible on the right side of the page.

PROJECT	MESSAGE	LOCATION	LATEST	COUNT
gNWP PRODUCTION	Bj: job[11](./script/runner ./jobs/load_letters_for_teach...)	#	5 minutes ago	49
CC PRODUCTION	ActionController::UnknownAction: No action responded to 144	catalogs#144	about 1 hour ago	1
CC PRODUCTION	ActionController::UnknownAction: No action responded to lib	catalogs#lib	about 5 hours ago	1
CC PRODUCTION	ActionController::UnknownAction: No action responded to show	contacts#show	about 5 hours ago	24
CC PRODUCTION	ActionController::UnknownAction: No action responded to i...	invitations#index	about 11 hours ago	5
CC PRODUCTION	ActionController::UnknownAction: No action responded to a...	admin#admin	about 22 hours ago	2



<http://github.com/bricooke/croak-app>

Repository Search — RubyCocoa — GitHub

git http://github.com/search?q=RubyCocoa

Inquisitor

Search ABCDEFGHIJKLMNOPQRSTUVWXYZ

Search term: RubyCocoa

Project	Owner	Created	Commits	Participation
rubycocoa Git mirror for RubyCocoa.	alloy	29 Aug 21:22		52 week participation
rubycocoa-tmbundle TextMate bundle for RubyCocoa	dnic	29 Aug 21:23		52 week participation
rubycocoa-cloned-apps RubyCocoa demo apps cloned from Objective-C demo apps. See both src.	dnic	29 Aug 21:24		52 week participation
macruby_rubycocoa_layer	alloy	29 Aug 21:22		52 week participation
qs_rubycocoa Quicksilver Plugin with RubyCocoa.	mooth	31 Aug 15:13		52 week participation
logeye A Rubycocoa GUI for tailing Ruby on Rails log files	lachie	29 Aug 21:21		52 week participation
gitnub A Gitk-like application written in RubyCocoa that looks like it belongs on a Mac. See the wiki f...	Caged	04 Sep 09:55		52 week participation
limechat-grayzone a theme for the rubycocoa irc client limechat	mattly	29 Aug 21:21		52 week participation
macistrano A RubyCocoa client for Webistrano (http://labs.peritor.com/webistrano)	mattmatt	03 Sep 10:30		52 week participation
cocoapownce RubyCocoa Pownce Client	rvalente	29 Aug 21:22		52 week participation
twitterer RubyCocoa Twitter client. Just an excuse to play with the framework really – probably won't come ...	kerryb	29 Aug 21:23		52 week participation

DEMO

- ★ Very simple
- ★ Ruby: Faker gem
- ★ Cocoa: Address Book
- ★ Go

DEMO

- ★ Very simple
- ★ Ruby: Faker gem
- ★ Cocoa: Address Book
- ★ Go

DEMO

- ★ Very simple
- ★ Ruby: Faker gem
- ★ Cocoa: Address Book
- ★ Go

DEMO

- ★ Very simple
- ★ Ruby: Faker gem
- ★ Cocoa: Address Book
- ★ Go

DEMO

- ★ Very simple
- ★ Ruby: Faker gem
- ★ Cocoa: Address Book
- ★ Go

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why RubyCocoa?

- ★ It's Ruby!
 - ★ gems
 - ★ irb
 - ★ fast prototyping

- ★ It's Cocoa!
 - ★ Looks correct
 - ★ Feels correct
 - ★ Fun

Why not RubyCocoa?

- ★ Performance
- ★ Your app is open source without asking
- ★ Debugging

Why not RubyCocoa?

- ★ Performance
- ★ Your app is open source without asking
- ★ Debugging

Why not RubyCocoa?

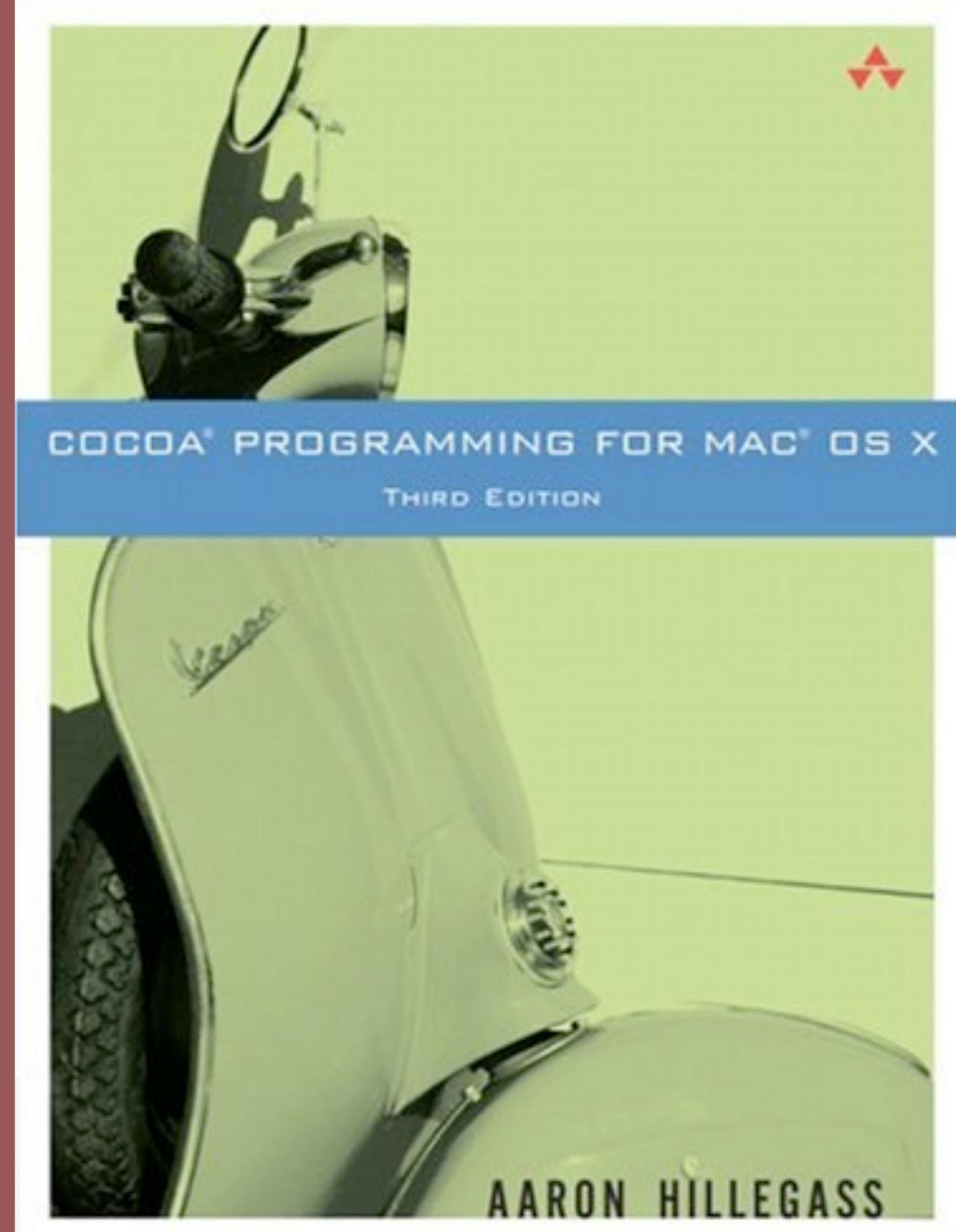
- ★ Performance
- ★ Your app is open source without asking
- ★ Debugging

Why not RubyCocoa?

- ★ Performance
- ★ Your app is open source without asking
- ★ Debugging

What next?

Learn Cocoa using Objective-C



The
Pragmatic
Programmers

RubyCocoa

Bringing Some Ruby Love
to OS X Programming



Brian Marick

Edited by Daniel H. Steinberg

The Facets  of Ruby Series

the future

macruby

“MacRuby is ... Ruby ... ported to run directly on top of Mac OS X ... the goal of MacRuby is to enable the creation of full-fledged Mac OS X applications which do not sacrifice performance in order to enjoy the benefits of using Ruby.”

macruby.org

Kinda Like JRuby

Right?

Snow Leopard?

Dunno

Steve won't tell us

Prettier too!

Objective-C

```
[[NSBundle mainBundle] pathForResource:@"Credits" ofType:@"rtf"];
```

RubyCocoa

```
NSBundle.mainBundle.pathForResource_ofType("Credits", "rtf")
```

macruby

```
NSBundle.mainBundle.pathForResource("Credits", ofType:"rtf")
```

Prettier too!

Objective-C

```
[[NSBundle mainBundle] pathForResource:@"Credits" ofType:@"rtf"];
```

RubyCocoa

```
NSBundle.mainBundle.pathForResource_ofType("Credits", "rtf")
```

macruby

```
NSBundle.mainBundle.pathForResource("Credits", ofType:"rtf")
```

Prettier too!

Objective-C

```
[[NSBundle mainBundle] pathForResource:@"Credits" ofType:@"rtf"];
```

RubyCocoa

```
NSBundle.mainBundle.pathForResource_ofType("Credits", "rtf")
```

macruby

```
NSBundle.mainBundle.pathForResource("Credits", ofType:"rtf")
```

Nu

<http://programming.nu>

<http://github.com/timburks>

THANK YOU

Resources

Apple Dev Site <http://developer.apple.com>

Wikipedia <http://en.wikipedia.org/wiki/Objective-C>

GitNub <http://github.com/caged/gitnub>

Croak <http://github.com/bricooke/croak-app>

Cocoa Book <http://bignerdranch.com/products.shtml>

macruby <http://macruby.org>

My slides and stuff <http://github.com/bricooke/lsrc-rubycocoa>

Brian Cooke
bcooke@roobasoft.com

Questions?

Resources

Apple Dev Site <http://developer.apple.com>

Wikipedia <http://en.wikipedia.org/wiki/Objective-C>

GitNub <http://github.com/caged/gitnub>

Croak <http://github.com/bricooke/croak-app>

Cocoa Book <http://bignerdranch.com/products.shtml>

macruby <http://macruby.org>

My slides and stuff <http://github.com/bricooke/lsrc-rubycocoa>

Brian Cooke
bcooke@roobasoft.com