Podcasting and Screencasting in Rails

Gregg Pollack
Rails Envy

Ryan Bates
Railscasts

Mike Clark
Pragmatic Studio

Christopher Haupt
Learning Rails

Michael Slater
Learning Rails

Geoffrey Grosenbach
Peepcode
1. How do you prepare for, create, and publish your podcast? This includes setup, production, and what microphone and software tools do you use?
1. How do you prepare for, create, and publish your podcast? This includes setup, production, and what microphone and software tools do you use?

2. What advice do you have to someone who wants to jump into podcasting? Tips & Tricks?
1. How do you prepare for, create, and publish your podcast? This includes setup, production, and what microphone and software tools do you use?

2. What advice do you have to someone who wants to jump into podcasting? Tips & Tricks?

3. What Podcasts do you listen to / watch, and why?
1. How do you prepare for, create, and publish your podcast? This includes setup, production, and what microphone and software tools do you use?

2. What advice do you have to someone who wants to jump into podcasting? Tips & Tricks?

3. What Podcasts do you listen to / watch, and why?

4. What Podcast doesn’t exist in the world, which you really wish someone would create?
1. How do you prepare for, create, and publish your podcast? This includes setup, production, and what microphone and software tools do you use?

2. What advice do you have to someone who wants to jump into podcasting? Tips & Tricks?

3. What Podcasts do you listen to / watch, and why?

4. What Podcast doesn’t exist in the world, which you really wish someone would create?

5. Why should you do a podcast?
Rails Envy Podcast

with
Gregg Pollack, Jason Seifer, and Steven Bristol
Thursday, Friday, Saturday

Find top Ruby / Rails stories

- Google Reader
- RubyFlow
- Reddit
- dzone (fresh links for developers)
- del.icio.us
Thursday, Friday, Saturday

Find top Ruby / Rails stories

Google Reader  RubyFlow  reddit

dzone  del.icio.us

Sunday night

Record the Podcast
Thursday, Friday, Saturday

Find top Ruby / Rails stories

Google Reader  RubyFlow  reddit

dzone  del.icio.us

Sunday night

Record the Podcast

Monday & Tuesday night

Edit and polish the Podcast
Thursday, Friday, Saturday

Find top Ruby / Rails stories

Google Reader  RubyFlow  reddit

dzone  del.icio.us

Sunday night

Record the Podcast

Monday & Tuesday night

Edit and polish the Podcast

Wednesday morning

Release the Podcast
Thursday, Friday, Saturday

Find top Ruby / Rails stories

Google Reader  RubyFlow  reddit RUBY

dzone

del.icio.us

Sunday night

Record the Podcast

Monday & Tuesday night

Edit and polish the Podcast

Wednesday morning

Release the Podcast

Thursday

Do it again
Podcast 21

Wikipedia API 4 May
Wikipedia finally came out with an API late last month and Ben Hughes released a nice little ruby wrapper for it.

c0: That's pretty cool, I had a project where we had to parse through all the wikipedia entries, it was no small task.

Yeah, wikipedia is big, and it's kind of odd they haven't had a good API up until now.
c0: better late than never.

http://code.pixelmachine.org/wikipedia-api/doc/

Metric Fu 4 May
It's that time again.. Time for our weekly FU plugin coverage!
c0: I can't wait..

This week we have "Metric FU!" by Jake Scruggs... Metric Fu is a set of rake tasks that make it easy to generate metrics reports. It uses Saikuro, Flog, Rcov, and Rails built-in stats to create a bunch of reports about the state of your code.

It's also designed to integrate easily with CruiseControl.rb, so you can get these metrics whenever you build.


Extracting EXIF Data. 4 May
When talking about photos, do you know what Exif data is?
c0: That's EXIF? what is that?
Living on the edge (of Rails) #22 - pre-Railsconf 2008 edition
- May 25th, 2008

No mind-blowing changes in Rails this week prior to RailsConf - as Gregg mentioned last week in the Rails Envy podcast, it’s pre-2.1 days (Rails 2.1 will probably be released at RailsConf) so it’s pretty easy to see why. Oh and all Rails tests now pass in Ruby 1.9 after a long-standing #module_eval bug got fixed in Ruby 1.9’s trunk (see thread for more details).

I’ll be at (my first) Railsconf 2008 in Portland, Oregon this Thursday onwards - if anyone sees me and recognizes me from my Facebook picture please come and say hi (no head butting though).

This week’s report covers changes from 19th May 2008 to 25th May 2008 (the day the corresponding Rails Envy podcast was recorded).

first and last methods now work with associations and named_scope

Remember how the merging of the has_finder gem into Rails allowed you to do things like Post.first and Post.last?

Now you can go one step further and use the same methods on your ActiveRecord associations. For example:

```ruby
post = Post.find(1)
first_comment = post.comments.first
```

If you have a named_scope named recent, defined, you can even do this:
Samson G-Track
Samson CL8

Pro Tools Mini
Record with Sound Studio 3
Edit with Sound Track Pro
Record with Audacity
All the things not to do
Don’t Record without a Pop Filter
Don’t spend a lot of money on stuff.

Get a $100 USB microphone and use Audacity to edit.

http://flickr.com/photos/cayusa/2276783536/
Listen to yourself as you record if you can
Learn how to identify a healthy waveform

http://flickr.com/photos/midnight_trucker/454149892/
Learn how to identify a healthy waveform

Healthy Wave Form

http://flickr.com/photos/midnight_trucker/454149892/
Learn how to identify a healthy waveform

Healthy Wave Form

Not Healthy Wave Form

http://flickr.com/photos/midnight_trucker/454149892/
Learn how to properly improve your audio
Listen to your podcast in your car
(or hot dog)
Keep your audio levels even

and your music low
Keep your audio levels even

and your music low
Brain Food Podcast

http://www.podfeed.net/podcast/Brain+Food/8703
Brain Food Podcast

http://www.podfeed.net/podcast/Brain+Food/8703

- Anti-Matter
- Nuclear Power
- Quantum Entanglement
- Black Holes
- Hydrocarbon Combustion
This American Life

www.thislife.org
Podcasts that don’t exist
Podcasts that don’t exist

Brain Food for Technology
Podcasts that don’t exist

Brain Food for Technology
Focused Interviews
Podcasts that don’t exist

Brain Food for Technology
Focused Interviews
Opinionated Views
Creating a community podcast or screencast can be just as beneficial to the community as contributing code.

http://flickr.com/photos/aloshbennett/1394564919/
LearningRails
Free Online Course in Ruby on Rails
By Christopher Haupt & Michael Slater
LearningRails.com
Livecast 1:

Behind the Scenes of LearningRails
User Needs

- The What and Why of Learning Rails
- Preparation
- Post
- Tips
What is it?
Preparation?
Learning Rails

Editing Michael
Tips

- Right and wrong way to use a Mic/Cam
- Screen capture on a second monitor
- Metrics (mystery of iTunes)
- Editing session woes (edit, encode, time!)
- Bugs (USB audio driver on Mac)
- Hosting gotchas (robots/spammers/griefers, bandwidth, feeds, show-notes and code, forums/feedback from listeners)
Learning Rails

Traffic

Daily usage for May 2008
Questions? Wanna Help?

- Come to the BOF
- Check out www.LearningRails.com
- Email chaupt or michael at buildingwebapps.com
- Twitter chaupt
Help Spread the Word

- Use the Share button
- For the course, at www.LearningRails.com
- Add a rating or review on iTunes
- Add our widget to your blog or site

Want to learn Ruby on Rails? Free Online Course
BuildingWebApps.com/course

Get image and link at
www.BuildingWebApps.com/affiliate
Free Online Course in Ruby on Rails

By Christopher Haupt & Michael Slater

LearningRails.com
Backup

- Non-Tech: Chris watches/listens to: Ronald D. Moore's BSG podcast/commentary, Jay and Jack's Lost podcast, Gary Vaynerchuk's WineLibrary.tv
- What to do: Art Education for Kids vidcasts
Ryan Bates
from
free Ruby on Rails Screencasts
Samson C01U
USB Microphone
Applications

iShowU

for recording the screen
### iShowU Settings

#### Audio
- **Input selection:**
  - Record microphone audio
  - Record system audio
- **Audio quality:** High Quality, 44.1Khz
- **Microphone Input:** Samson C01U
- **Microphone monitor:** Off
- **System audio monitor:** While previewing or recording
- **Level:**

#### Video
- **Slow frame rate:** 10
- **Normal frame rate:** 20
- **Scale:** 100%
- **Quality:**
- **Compression:** Apple Animation
- **Mouse recording:** With each frame as it is captured
- **Mouse clicks:** None
- **Capture size:** 800 w 600 h

#### Options
- Show capture guide when not recording
- Show capture guide when recording
- Follow mouse cursor
- Slow capture rate when not moving mouse

[Edit recording area] [Record] [Pause] [Abort] [Finish]
Applications

KeyCastr
for showing key commands
KeyCastr Key Command
Applications

OmniGraffle Pro

for diagrams
Associations:

One to Many

Many to Many

Diagram from OmniGraffle Pro
Everyday Active Record

screencasts with Ryan Bates

Active Record models are the foundation of every good Rails application. Learn how to get the most out of the Active Record features that you use on a day-to-day basis from a popular Rails developer and screencaster. In these screencasts, Ryan Bates incrementally builds the models for a Rails application and refactors them over time to address new features. All the code is based on Rails 2.1 features.

Throughout these 20-30 minute screencast episodes, you’ll get inside the mind of an experienced Rails developer: his thought processes, his development techniques, the tools he uses, and the tricks of the trade. You can follow along as he adds new features to shape the application over time. You’ll also see how he troubleshoots problems along the way. You’ll not only learn more about Active Record, you’ll also see ways to streamline your development workflow.

Watch a free preview highlighting the application Ryan builds in this series. (4 MB, 1 min, QuickTime)
Applications

Adobe After Effects
for intro animation
Applications

Final Cut Pro

for editing recordings together
Applications

QuickTime Pro
for final compression
Different Screencasting Techniques

- Record audio, then video
- Record audio and video together
- Record video then audio
Editing Short Recordings
I watch/listen to

• Ruby on Rails Podcast
• Rails Envy Podcast
• Learning Rails
• sd.rb Podcast
• GitCasts

• Thoughtworks Podcast
• InfoQ Videos
• Macworld Video
• MacBreak Video
• Photoshop Killer Tips
Why I Screencast

• I enjoy teaching others
• To get my name out there
• It’s something I’ve wanted
Screencasting is Great for

• Workflows
• Interaction between different tools
• Problem solving
• Common scenarios and use cases
• NOT for reference material
I want to see more Screencasts!
Podcast Meetup

BoF Session at 9:00 tonight
in room D135 and 136
CruiseControl Action Movie

Every time I have an opportunity to talk to a group about continuous integration, I just fire up CruiseControl and act out a project episode. Not everyone ends up using CruiseControl on their project, but at least they walk away knowing what a continuous integration tool can do for them.

To help spread the word, I made a 2-minute screen video with voiceover (8MB, QuickTime) of CruiseControl in action. The experience is lossy in the sense that I’ve sacrificed quality to keep the file size to a minimum and, well, it’s not a live performance.

Let me know what you think.
Practice
Stay True to the Medium
You have their attention!

Now What?
<table>
<thead>
<tr>
<th>Podcast</th>
<th>Time</th>
<th>Release Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adobe Photoshop Lightroom Killer Tips</td>
<td>1:25</td>
<td>5/16/08</td>
<td>Get your weekly video dose of the best in Photoshop Lightroom.</td>
</tr>
<tr>
<td>PHOTOGRAPHY 101</td>
<td>12:19</td>
<td>4/13/08</td>
<td>Hosted by photographer and author.</td>
</tr>
<tr>
<td>Pragmatic Podcasts</td>
<td>28:34</td>
<td>5/21/08</td>
<td>Guiding You From Journeyman to Master.</td>
</tr>
<tr>
<td>Rails Envy Podcast</td>
<td>14:38</td>
<td>5/21/08</td>
<td>The Rails Envy Podcast</td>
</tr>
<tr>
<td>Railcasts</td>
<td>7:38</td>
<td>5/26/08</td>
<td>Every week you will be treated to a selection of the best rails podcast.</td>
</tr>
<tr>
<td>Ruby on Rails Podcast</td>
<td>35:53</td>
<td>5/20/08</td>
<td>News and interviews about the Ruby on Rails community.</td>
</tr>
<tr>
<td>The Talk Show</td>
<td>1:02:02</td>
<td>4/28/08</td>
<td>The Talk Show with John Gruber.</td>
</tr>
<tr>
<td>TEDTalks (video)</td>
<td>15:55</td>
<td>5/27/08</td>
<td>Each year, the TED (Technology, Entertainment, Design) event is hosted.</td>
</tr>
</tbody>
</table>