

# RubyConfの話と部屋の遠隔監視ツールを改 良した話

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# 自己紹介

- オーケストラでファゴット吹いてます
- ミューザ川崎は3度ほど本番で使用
- 技術的にはただの人
  - サーバーサイドエンジニアやってます
  - RubyKaigiの通訳サポートやってました





Vektra





# (全選手紹介)

(画像は割愛)

# (全選手紹介)

...してもいいんだけど時間足りない。



1:20PM - 2:05PM

BY 9000

*Oliver Nutter,  
has Enebo*

the largest update platform during its I support Ruby 2.1 ( ) features, replace pipeline with a new compiler, support true process logic, and character transcoding . At the same time, adding more and things with JRuby. I unveil JRuby 9000 the future of JRuby

## PROGRAMMING, EDUCATION, AND THE AMERICAN DREAM

*Liz Abinante*

The learn to code movement has popularized the idea that coding is a skill everyone can and should learn. It's the American dream: learn the desirable skill and you'll succeed financially. Those who master the skill and achieve the goals are held up as prime examples of just how easy it was. But if it was that easy, why are there so few victors encouraging hoards of hopefults? I'll discuss the history of the American Dream, how new programming education endeavors have repackaged it, and how the lack of awareness and analysis of this privileged rhetoric is damaging our culture and workforce.

FRINGE RUBY

## SAURON: DIY HOME SECURITY WITH RUBY!

*Jonan Scheffler*

This is the story of how I built an all-seeing eye with Ruby, and how I use it to defend the sanctity of my suburban home.

Using a Raspberry Pi and some homemade motion detection software I've developed a home security system that can send me notifications on my phone and photograph intruders. It uses perceptual hashes to detect image changes and archives anything unusual. I can even set a custom alerting threshold and graph disturbances over time.

If you've ever had the desire to be an evil wizard with a glowing fireball of an eye this talk is perfect for you. Come play with Sauron.

NOT RU

## RUBY CHA MY LI

*Johnny*

When I found Ruby s ago, I had no idea ho influence it would be

It made my life happy eager to share this n happiness with other

Then by the way of N found the magical w Smalltalk - and my jo complete.

Come hear about thi Ruby.is\_a? Smalltalk the following quote o level:

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NOT RUBY

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NOT RU

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*Johnny*

When I found Ruby six years ago, I had no idea how much influence it would be on my life.

It made my life happy and eager to share this new happiness with others.

Then by the way of Smalltalk I found the magical world of Smalltalk - and my job became complete.

Come hear about this magical world of Ruby.is\_a? Smalltalk and the following quote of Kent Beck:

I always knew that one day Smalltalk would replace Ruby. I just didn't know it would take so long. -- Kent Beck

# Sauron: DIY Home Security With Ruby!

**Jonan Scheffler (@1337807)**

# 概要

- Raspberry Piでホームセキュリティ
- 画像を定期的にAmazon S3にアップ
- 画像のPerceptual Hashを比較し変化を通知
- GitHub: 1337807/all\_seeing\_pi,  
1337087/palantir

# Perceptual Hashとは

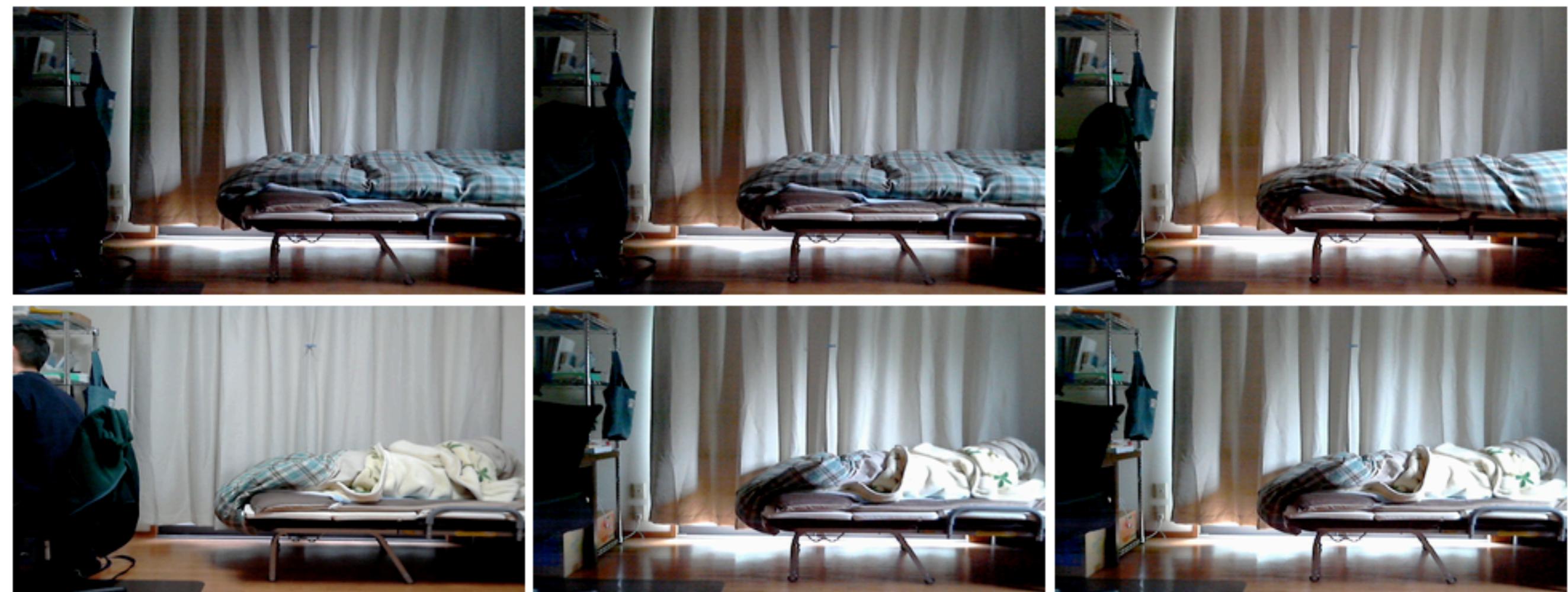
- 画像のハッシュ値計算の一種
- 見た目に同じような画像が同じようなハッシュを返す
- 8x8にリサイズ、グレースケール化し、平均値フィルタを施す or 離散コサイン変換の低周波成分から算出

なんでこれ？

実は時を同じくしてそんな感じのものを作  
ろうとしていた。

# Remote Watch @ s01.info

08:00



# これは何

- 出発2日前に急いで作ったので
- メディアサーバー兼用Mac Miniが
- 画像をひたすら10分間隔で撮影
- 時間の名前でファイル保存
- サーバーにひたすらrsync

やつぱり

イベント通知

いつも

16日

17日

18日

19日

20日

21日

22日

ここがRubyConf

移動（時差で1日  
飛び）

23日

24日

25日

26日

27日

28日

29日

勤労感謝の日

振替休日

ここでLT

The Pokémon Company 



NINTENDO 3DS™



吉野家

吉野家

時間ないので  
やつづけで  
作ってみた

THE  
PULP  
FED

Mac mini

Server

(1) imagesnap で画像撮影、  
連番になるようリネーム

(2) 前の番号の画像  
と差分があったら画  
像をtarで固める

(3) rsync

ファイル  
置き場

(4) ディレクトリ  
内容を参照

フロントエンド  
(Sinatra)

# cronで走るスクリプト(44行)

- imagesnap を実行
  - アクセスカウンタで連番を取得
  - Phashion gemで前の番号とのp-hashの差分比較
    - 画像が「違う」場合はtarで固める
    - tar置き場をひたすらサーバーとrsync
- 以上を昼間3分間隔で実行。

## サーバーサイド(9行+14行)

—ディレクトリの中身をリンクに変換する  
だけ

新嘉坡

# **Remote Watch @ s01.info**

## **Events**

[20141126\\_0900](#)

[20141125\\_2251](#)

[20141125\\_2231](#)

[20141125\\_2230](#)

イベント時にのみ  
ファイルが**更新**

ソースとかは

**Githubに**

あとで置きます



ありがとうございました

— 御礼

— Jonanさん素晴らしいネタありがとうございました

— セッションがConfreaksに上がったら  
ぜひ見てみてください。プレゼンの進  
行がめちゃめちゃ面白いです

— RubyConfは"楽しい"話が多かったです

スライドはこちら

[http://s01.ninja/1126\\_kawasaki.pdf](http://s01.ninja/1126_kawasaki.pdf)

GH: sylph01/1126\_kawasaki(予定)