

Microsoft®
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Bringing the IRON to Ruby

Shay Friedman
Team Leader
ActionBase



dada oooo ow





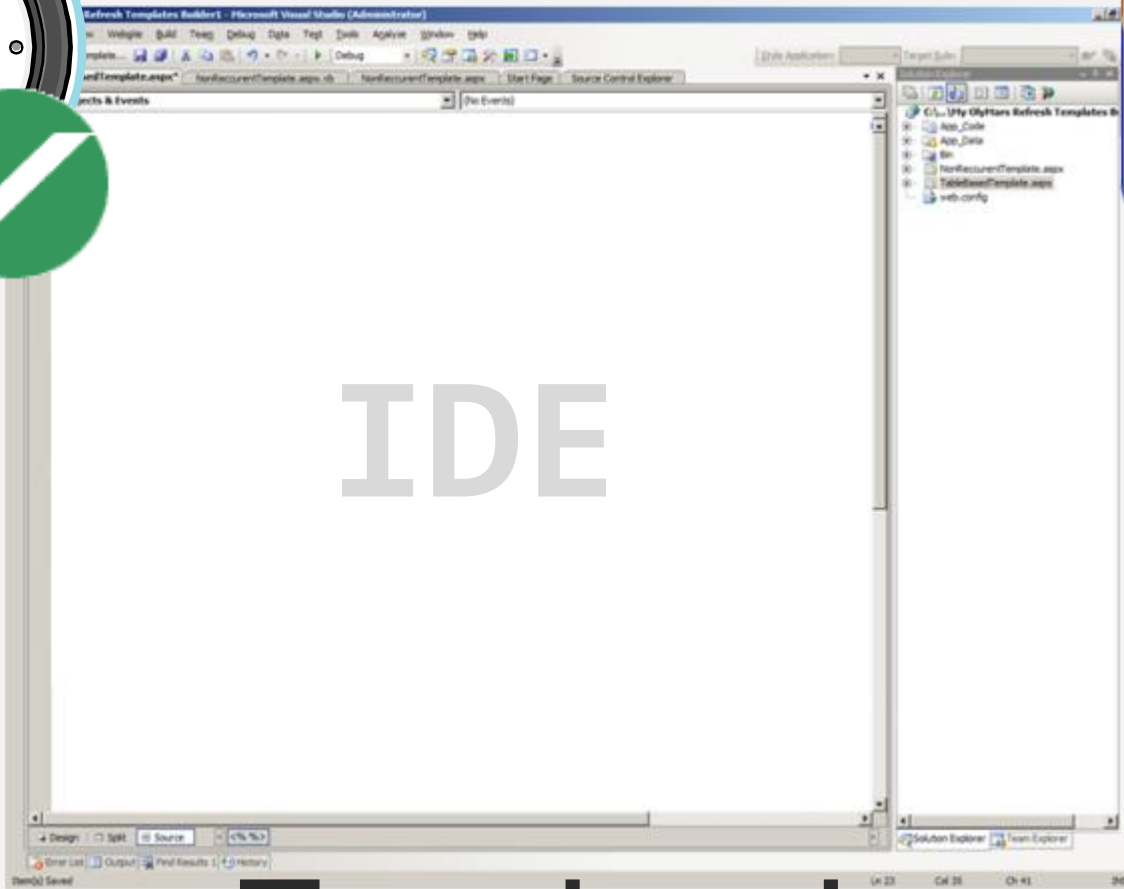
Alpha Bravo Tree, The XO controls the UAV.
He'll land it at the AML HOR.





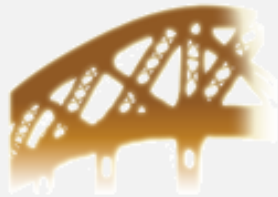
Emphasize





Emphasize

Agenda



Microsoft®
Dynamic Language Runtime™



Introduction to Ruby

- Created by Yukihiro Matsumoto
- Since 1993
- V.1 – 1996
- Current Version – 1.9.1

Happy Bar Mitzvah!



Introduction to Ruby

➤ It's intuitive and fun

“Instead of emphasizing the what, I want to emphasize the how part: how we feel while programming. That’s Ruby’s main difference from other language designs.”

- Yukihiro Matsumoto

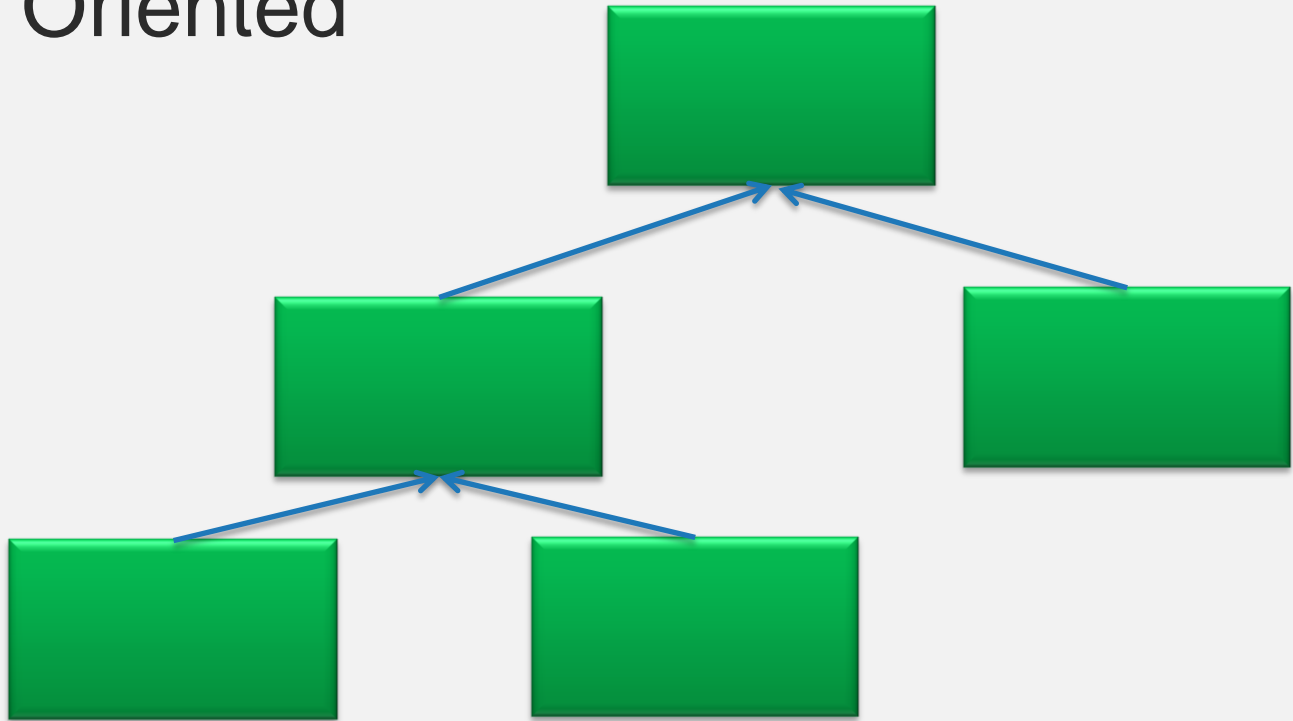
Introduction to Ruby

➤ It's intuitive and fun



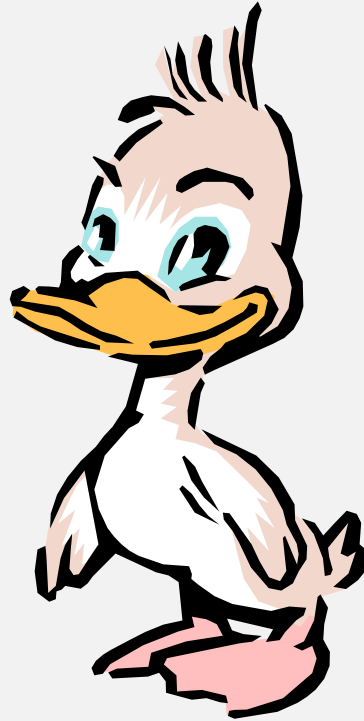
Introduction to Ruby

➤ Object Oriented



Introduction to Ruby

➤ Duck Typing



Introduction to Ruby

➤ Many libraries available

RAA - Library - Mozilla Firefox

File Edit View History Delicious Tools Help

ruby on rails

RAA - Library

Library		
Advocacy	1 project	MacOS X
AI	16 projects	MacOSX
Algorithm	7 projects	Mail
Archive	1 project	Marshal
Array	3 projects	Math
Asynchronous Processing	1 project	Metaprogramming
Audio	24 projects	Microkernel
Barcode	2 projects	MIDI
Benchmark	3 projects	MIME
Bio	1 project	MinGW

Done

RubyForge: Welcome - Mozilla Firefox

File Edit View History Delicious Tools Help

RUBYFORGE

by RubyCentral

Log In Support New

Software/Group May 4-7, 2009 May 30, 2009

Home My Page Project Tree Code Snippets Project Openings

RubyForge is a home for open source Ruby projects; thanks to the folks who *make it possible!*

Latest News

Termtter 1.0 Released
jugyo kohno - 2009-03-15 15:36 - termtter
Termtter version 1.0 has been released!

Today March 15, 2009, we have released Termtter 1.0 as a stable version.
(0 Comment) [\[Read More/Comment\(0\)\]](#)

Support/Links

[Report a Ruby Bug](#)
[Ruby Application Archive \(RAA\)/Ruby Docs](#)
[RubyForge Support/Site Docs](#)
[RSS Feeds/Stats](#)

RubyForge Statistics

Hosted Projects: **7 416**

Done

Introduction to Ruby

➤ Ruby on Rails!

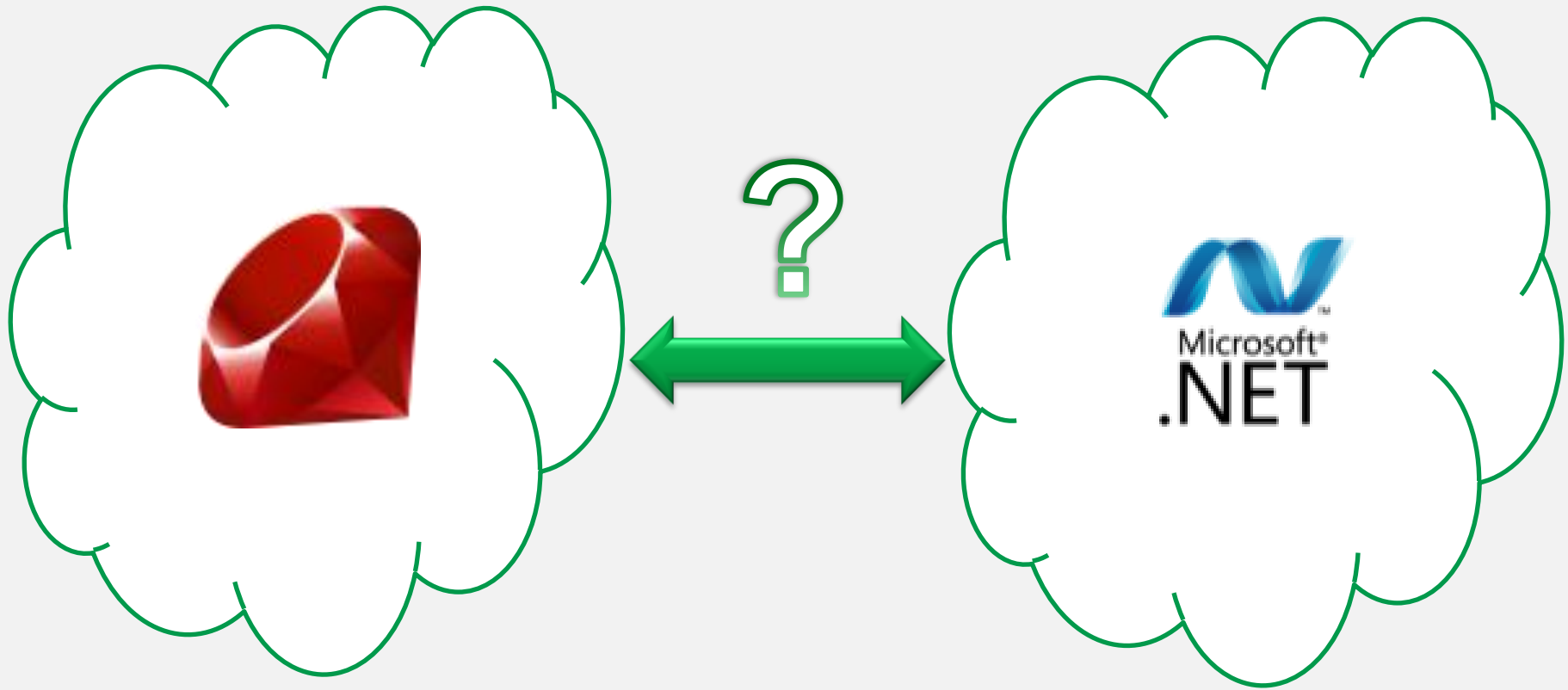


Introduction to Ruby

➤ Ruby on Rails!



*“I came for the Rails,
But I stayed for the Ruby”*



Dynamic Language Runtime

IronRuby

IronPhyton

C#

VB.Net

Others...

Dynamic Language Runtime

Expression Trees

Dynamic Dispatch

Call Site Caching

Object
Binder

JavaScript
Binder

Python
Binder

Ruby
Binder

COM
Binder





IronRuby

DLR

The Ruby language

CLR

Loads of libraries

.Net Framework

Ruby on Rails

IronRuby

- Benefits from both sides
- Open source
- Runs on top of .Net, Silverlight and Mono

Demo

IronRuby

IronRuby In Everyday Tasks



Demo

IronRuby in Everyday Tasks

Q & A

Summary

➤ Ruby

- Intuitive, fun and powerful

➤ DLR

- A common runtime for .Net dynamic languages

➤ IronRuby

- Super-power
- The right language for the job!

➤ <http://www.IronShay.com>

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Your potential. Our passion.[™]

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