

RuDy: writing native extensions in D programming language

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D?

Let's have a skim reminder of talk
from 2009-01...

So... (the good)

Does "C libraries/programs linkable on
binary level" mean you can
write Ruby extensions in D?

Yes! But...

...but (the bad)

You need full declarations of C functions
that you want to use / link to.

(and there are differences between C and D types...)

...and (the ugly)

They (declarations) usually reside in
.h files, unreadable by D.

htod

bcd.gen

there's no free lunch, although...

Announcing RuDy

**Ruby extensions in D programming
language - now easy and possible**

RuDy aims

- complete bindings to Ruby C API for D
- D-aware extconf
- D (OO!) API for these extensions
 - ...like Python has in form of PyD

PyD?

Just imagine writing your native
ext's like pythonists can...

What RuDy has

- some working bindings in D
- ...with Ruby `test::unit` coverage
- small script for compiling an extension
- one developer (me)
- one technical consultant/guru (Kirk McDonald - author of PyD)

"Show us the gems!"

Let's have a look at the code
and see how it works.

What RuDy needs (call to arms)

Three fields to cover, all practically orthogonal:

- complete bindings
 - basic C, willingness to learn D, some Ruby (tests!)
- D-aware extconf
 - basic Ruby, some Makefile-fu
- D OO API for extensions
 - willingness to learn (a lot of D and some Python)

Why RuDy needs you

As for now, it's kind of small.

We need something really impressive
(like half of PyD) for May
(official announcement on Euruko in
Barcelona)

What would be cool for RuDy

A killer app in Ruby-D duo that'd force everyone to have a look at this great combo.

(porting some cool gem? like mongrel?)

Come on!

github.com/tomash/rudy

After seeing my code you won't be
ashamed of yours :)

tomash.wrug.eu -- my home site with contact info