Ruby. PHP

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Ruby.PHP = Ruby to PHP compiler



Why Compile Ruby to PHP?

- Hosting
- Master thesis topic
- Great way how to learn Ruby inside out :-)



How Is It Done?

Ruby code

```
def hello(name)
  puts "Hello " + name
end
hello "David"
```

PHP code

Ruby AST Parsing Compilation Serialization

PHP AST



Project Status

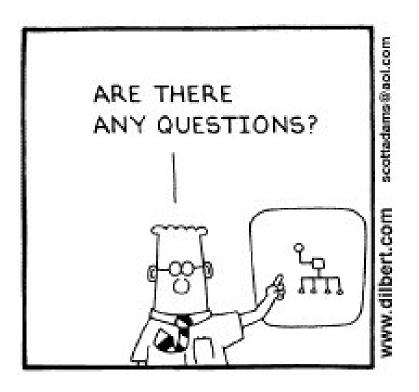
- Under development
 - Incomplete
 - Unstable
 - Needs a lot polishing
- However...
 - Already supports most Ruby syntax
 - Implementes basic functionality of core Ruby classes
 - Object, Module, Class, Fixnum, Bignum, Float, Array, Hash, Range,...

Live demo



Future Development

- Finish the thesis (summer 2008)
- Open the code
- Implement, implement, implement,...
- ...finally: run Ruby on Rails



www.ruby-php.org