

merb

All you need, none you don't



Guiding principles of
verb development.

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much as possible

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Know your runtime and how
it acts

Merb's motto:

No code is faster
than no code.

Why?

Why Not?

Developer time is expensive...

Servers are cheap...

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Servers are cheap...

Who cares about efficiency, just
throw more servers at the
problem!

Throwing more
servers at the
problem only goes
so far ...



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problem only goes
so far ...

Of course I'm
happy to sell you
more servers ;)



Premature
Optimization is the
root of blah blah blah...

Postmature Optimization
is the root of all hosting
bills ;)

back to merb...

What's new?

merb-core

Rack Webserver Abstraction Layer

- Ebb
- Evented Mongrel
- FastCGI
- Mongrel
- Thin
- Webrick

config/rack.rb

```
run Merb::Rack::Application.new
```

config/rack.rb

```
class ApiHandler
  def initialize(app)
    @app = app
  end

  def call(env)
    request = Merb::Request.new(env)
    if request.path =~ %r{/api/(.*)}
      [200,
       {"Content-Type" => "text/json"},
       Api.get_json($1)]
    else
      @app.call(env)
    end
  end
end

use ApiHandler
run Merb::Rack::Application.new
```

merb-core

Powerful Router

```
Merb::Router.prepare do |r|  
  r.resources :posts do |post|  
    post.resources :comments  
  end  
end
```

Named Routes

Name	Route
delete_post_comment	/posts/:post_id/comments/:id/delete
post_comments	/posts/:post_id/comments
new_post	/posts/new
posts	/posts
post_comment	/posts/:post_id/comments/:id
edit_post	/posts/:id/edit
post	/posts/:id
new_post_comment	/posts/:post_id/comments/new
delete_post	/posts/:id/delete
edit_post_comment	/posts/:post_id/comments/:id/edit

merb-core

Powerful Router

```
Merb::Router.prepare do |r|
  r.match(%r[/foo/(.+)], :user_agent => /(MSIE|Gecko)/).
    to(:controller => "foo", :title => "[1]",
      :action => "show", :agent => ":user_agent[1]")

  r.match('/bar/:baz').defer_to do |request, params|
    if bar = Bar.find_by_baz params[:baz]
      { :controller => bar.controller,
        :action => bar.action,
        :bar => bar.to_param }
    end
  end
end
end
```

merb-core

Provides API

```
Merb.add_mime_type(:yaml, :to_yaml, %w[application/x-yaml text/yaml])
Merb.add_mime_type(:html, :to_html, %w[text/html application/xhtml+xml application/html])
Merb.add_mime_type(:xml, :to_xml, %w[application/xml text/xml application/x-xml], :Encoding => "UTF-8")
Merb.add_mime_type(:json, :to_json, %w[application/json text/x-json])
```

```
class Posts < Application
  provides :json, :yaml, :xml

  def show(id)
    @post = Post.find id
    display @post
  end
end
```

merb-more

- Code Generators
- Asset Bundling
- Mailers and Parts
- Haml and other templating support
- Action Args
- Caching
- Other essentials

merb-plugins

- merb_dartamapper
- merb_activerecord
- merb_sequel
- merb_helpers
- merb_param_protection
- many more to come

Contribute!

- <http://github.com/wycats/merb-core/tree/master>
- <http://merb.lighthouseapp.com>
- [#merb irc.freenode.net](#)
- <http://groups.google.com/group/merb>

Questions?