

CS 683 Emerging Technologies
Fall Semester, 2005
Doc 26 Rails Miscellaneous
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References

Agile Web Development with Rails, Thomas & Hanson, The Pragmatic Bookshelf, 2005

Action Pack Documentation, <http://ap.rubyonrails.com/>

Sending Data

```
class ExampleController < ApplicationController

  def grades
    sample_grades = "cat,10,4,2
dog,8,1,2"
    send_data(sample_grades, :type => "text/cvs",
              :disposition => "attachment")
  end

  def file
    logger.info(File.expand_path('sampleGrades'))
    send_file("sampleGrades", :type => "text/cvs",
              :disposition => "attachment",
              :filename => "grades")
  end
end
```

Internet Media types -<http://www.iana.org/assignments/media-types/>

File location: root directory of rails instance

Mapping URLs to Controllers & Actions

config/routes.rb

```
ActionController::Routing::Routes.draw do |map|
```

```
  map.connect ':controller/service.wSDL', :action => 'wSDL'
```

```
  map.connect ':controller/:action/:id'
```

```
end
```

<http://0.0.0.0:3000/foo/bar/cat>



```
@params = { :controller => 'foo', :action => 'bar', :id => 'cat' }
```

URL Mapping Rules

Components separated by forward slash

Pattern component of form `:name` sets parameter name to what is in the corresponding position in the URL

Pattern components of form `*name` accepts all remaining parts of URL as an array

All other pattern component matches itself exactly in the corresponding location in the URL

```
map.connect 'store/:controller/buy/:id'
```

```
http://0.0.0.0:3000/store/computer/buy/xbox
```

```
@param = {:controller => 'computer', :id => 'xbox'}
```

```
map.connect 'whitney/:year/:month/:day',
```

```
  :controller => 'blog',
```

```
  :action      => "show_date",
```

```
  :requirements => { :year => /(19|20)\d\d/,
```

```
                    :month => /[01]?\d/,
```

```
                    :day => /[0-3]?\d/},
```

```
  :day          => nil
```

```
http://0.0.0.0:3000/whitney/2005/01/30
```

```
@param = {:controller => 'blog', :action => 'show_date',
```

```
  :year      => '2005',
```

```
  :month     => '01',
```

```
  :day       => '30'}
```

Rails Overview

