Database Administration

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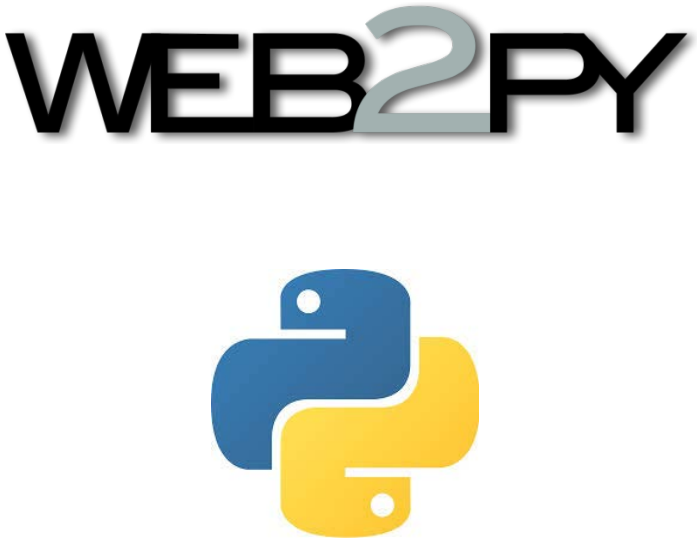
Module Overview



- Importing CSV files
- Inserts, Updates, Deletes
- Filters, Order By
- Create our First Web Page

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Demo

Build the Model

Import CSV

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Demo

Query Database

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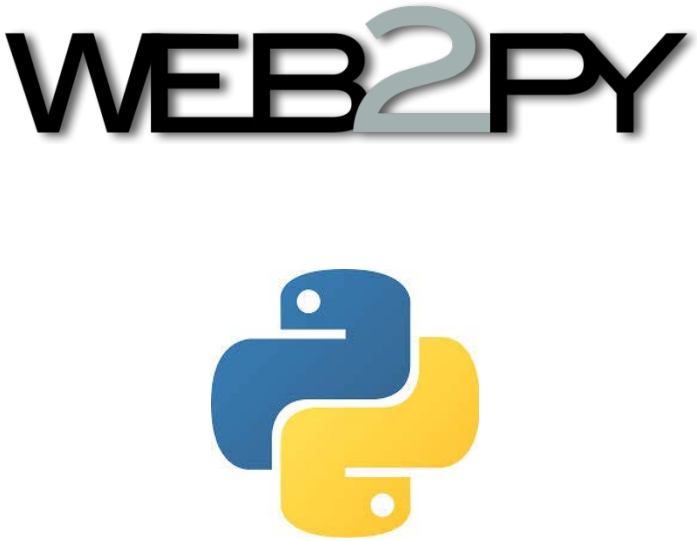
Overview



- equals (==)
- inequality (>,<,>=,<=)
- not (~)
- startswith
- and (&) or (|)

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Add, Update, Delete Records

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Demo

Export Data to CSV, JSON, XML

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CSV Files

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Build Our First Web Page

- Start Web Server
- Set Administrator Password
- Browser Integrated Development Environment (IDE)
- Understand Relationship Between:
  - MVC
  - File Structure
  - URL

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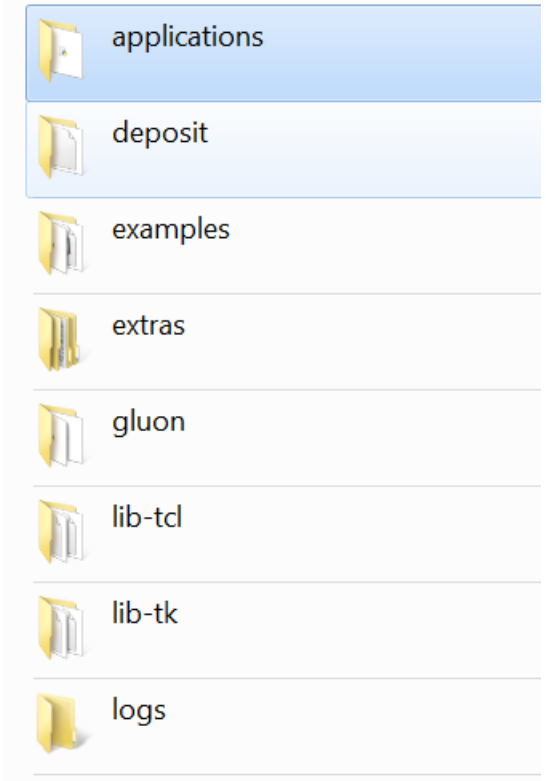
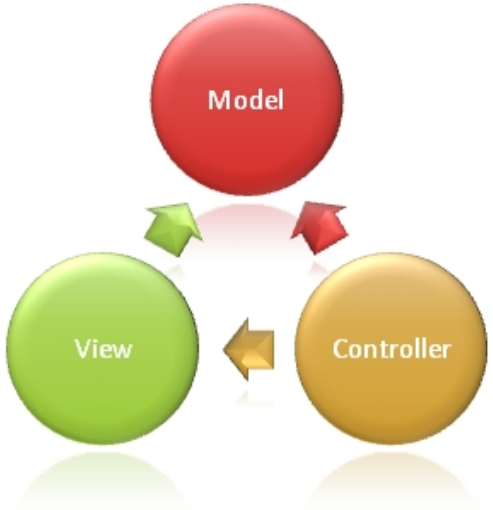
MVC – File Structure - URL





URL Mapping:

http://server/app/cntr/view/args

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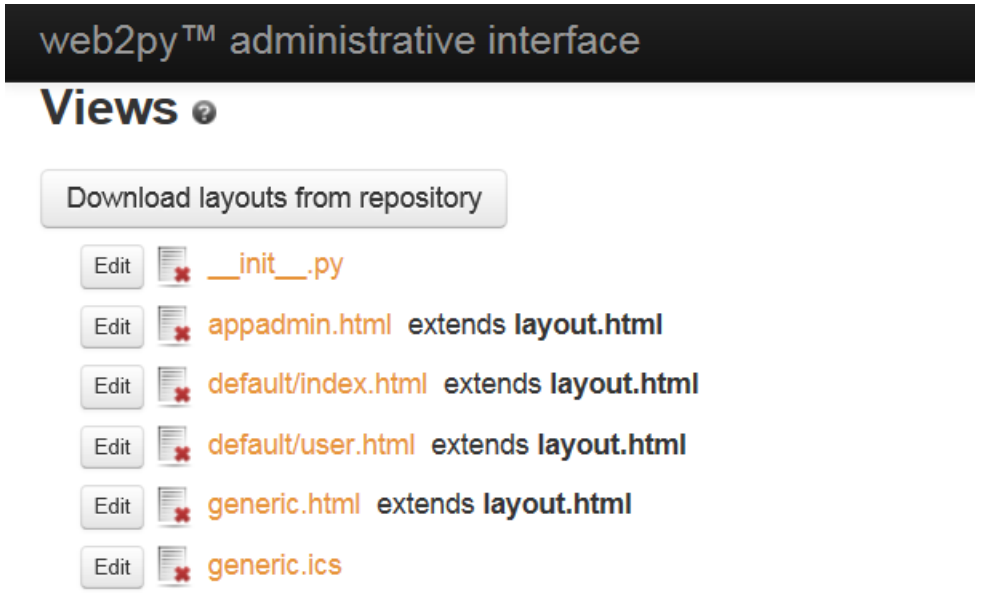
MVC Convention

```
def index():
    response.flash = T("Hello World")
    return dict(message=T('Welcome to web2py!'))
```



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Build First Web Page

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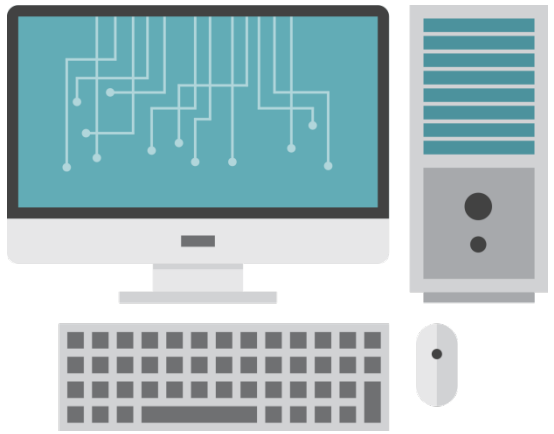
Request Object



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Request Arguments & Variables

- Arguments
  - URL
  - request.args(0), request.args(1), …
- Variables
  - Forms
  - request.vars.form_name

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Request Object

Add Two Numbers

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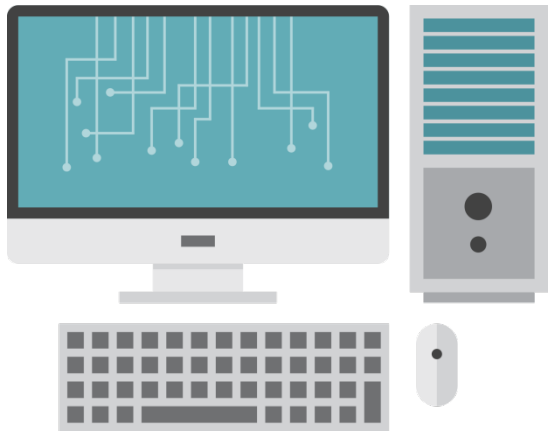
Response Object



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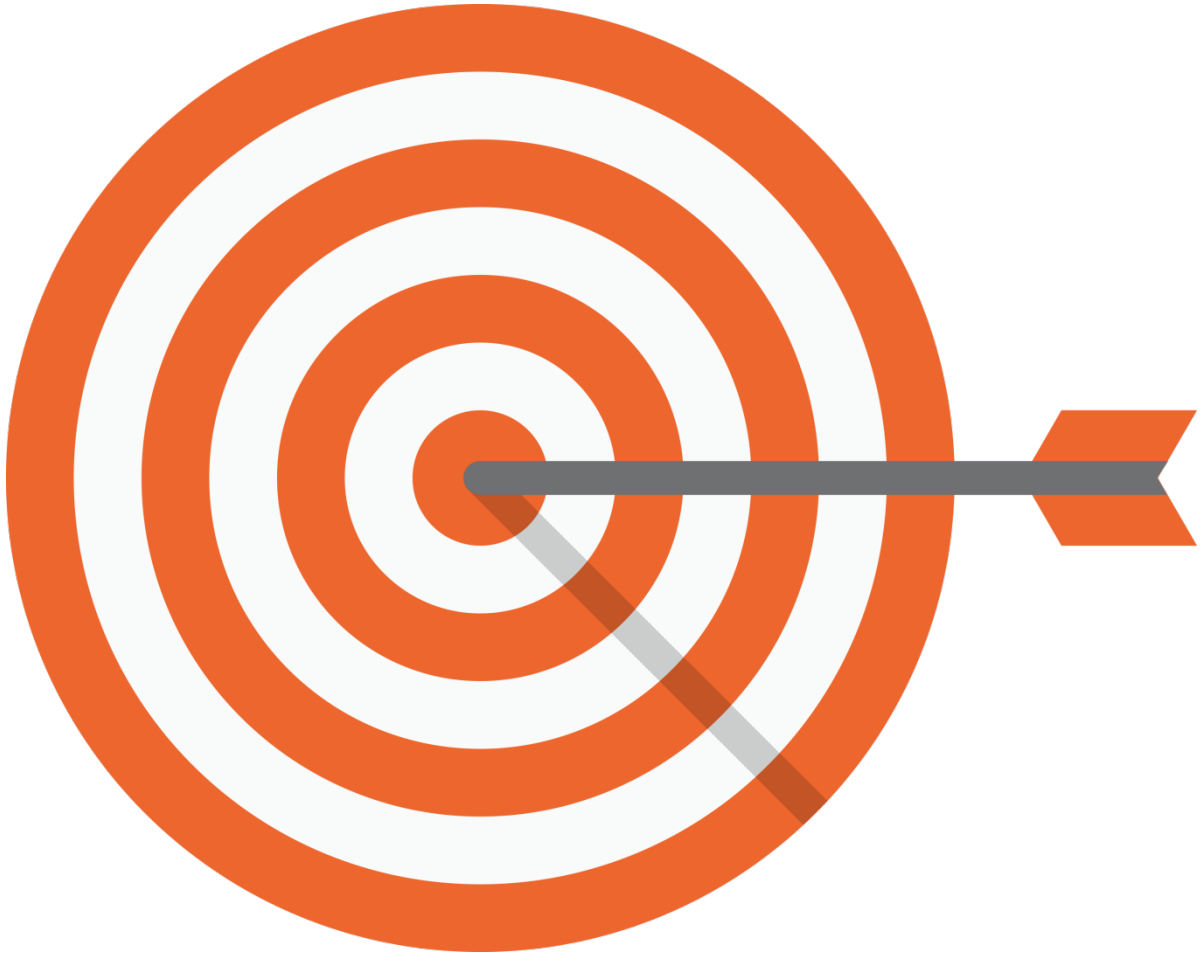
Business Rules & Libraries



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Deploying WEB2PY Apps

WEB2PY
APP

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