

Dynamic Request Routing / API Call

All requests are redirected to index.php by .htaccess (web.config on IIS)
(if the URI is not an actual file or folder on the server)
and everything after the root (path) is attached as query string:

index.php?uri=pageCode/param1/param2/param3/....

Check pageCode (first sigment of the URI path)
Check if page is accessible by current user,
if not return the path to access-denied.php page

if pageCode = 'api' load api.php and exit
if not, check if pageCode.php exists,
if not, return the path to page-not-found.php
finally return the path to pageCode.php

index.php

Routing

uri=/page_code

uri=/api/model_name/method_name

master.php

api.php

Check if query allowed
Check if model exists
Decode POST[data] if found, or use POST instead
Create new instance of requested model and pass decoded data to its constructor
Check if method exist
Execute the method and get the result

All models must extend Model class if DB connection is needed
Model constructor acetps one array param which contains all posted data
All methods must return Result object

pages folder

models folder

page1.php

page2.php

page3.php

model1.php

model2.php

model3.php

page-not-found.php

access-denied.php

Model.php

Result.php

Model (abstract)

Query(sql:string, params:params)

Query: Execute sql statment with/without params
return rows in case of select
return inserted id in case of insert
return true for update and delete
return false on failure

Result

data
message
messageTyoe
redirect

data: contains method execution data
message: any message to be displayed to user
messageType: usually success, error, exception
redirect: a url to redirect to (from client side)

Page contents included within master.php

Execution result packaged in Result object,
json encoded and sent back to the client