

# Model

## ModelBase

- \$validators

+ copyfromwithfilter(\$data, \$strict = false)

+ \_validate(\$data)

## Error

- \$reason  
- \$error\_code  
- \$title  
- \$description  
- \$exception  
- \$prevErrorModel  
- \$http\_code

+ get\_http\_status()  
+ serve\_exception()

## Ujian

...

## System

### User

# \$fieldConf  
# \$db  
# \$table

+ set\_created\_on(\$date)  
+ set\_updated\_on(\$date)  
+ save()  
+ getFromSession(\$statusOnly)  
+ getFromHTTPHeader()  
+ getIPLoginHTTPHeader()  
+ generateToken(\$as="basic", \$iploginId=null)  
+ login(\$username, \$password,  
\$set\_session=false)  
+ auth(\$password)  
+ cast(\$obj=null, \$rel\_depths=1, \$save\_cast=true)

### Acl

# \$fieldConf  
# \$db  
# \$table

+ set\_deleted\_on(\$date)  
+ set\_created\_on(\$date)  
+ set\_updated\_on(\$date)  
+ save()  
+ cast(\$obj=null, \$rel\_depths=1, \$save\_cast=true)

### AclItem

# \$fieldConf  
# \$db  
# \$table  
+ NONE = 0  
+ CREATE = 1  
+ READ = 1 << 1  
+ UPDATE = 1 << 2  
+ DELETE = 1 << 3  
+ ALL = 15

### IPLogin

# \$fieldConf  
# \$db  
# \$table  
+ set\_created\_on(\$date)  
+ set\_updated\_on(\$date)  
+ save()