

# yii中利用trace log跟踪框架内部的执行过程

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[ Log的配置 ] [ 结合实例跟踪执行过程 ]

## Log的配置

log是分级别的，有些低级别的日志 比如trace平常是不打开的，但是其实这些日志在跟踪框架内部执行过程的时候比较有用处

```
'log' => [  
    'traceLevel' => YII_DEBUG ? 3 : 0,  
    'targets' => [  
        [  
            'class' => 'yii\log\FileTarget',  
            'levels' => ['trace'],  
            'logFile' => "@app/runtime/logs/trace.log",  
        ],  
    ],  
],
```

## 结合实例跟踪执行过程

实际中的一个log的例子

粗略可以看出 大概经过这么几步

- 1) 先在bootstrap 也就是最开始启动的时候加载一些必须首先加载的模块，比如ajaxcrud/audit/log/gii
- 2) UrlManger解析请求，首先看看 手动配置的urlRule有没有匹配，如果有就转换；
- 3) 知道了route （例子里是baseinfo/index), runAction

```
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\InlineAction::runWithParams] Running action: backend\controllers\BaseinfoController::actionIndex()
```

这一句为止 就走进了 Controller::action里面

- 4) 最后render View页面 返回给服务器，执行结束

```
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Application::bootstrap] Bootstrap with johnitvn\ajaxcrud\Bootstrap::bootstrap()  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Module::getModule] Loading module: gii  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Application::bootstrap] Bootstrap with bedezign\yii2\audit\Bootstrap::bootstrap()  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Application::bootstrap] Bootstrap with yii\log\Dispatcher  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Application::bootstrap] Bootstrap with yii\gii\Module::bootstrap()  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\redis\Connection::open] Opening redis DB connection: 685e545f59634200.m.cnqda.kvstore.aliyuncs.com:6379  
15  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\redis\Connection::executeCommand] Executing Redis Command: AUTH  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\redis\Connection::executeCommand] Executing Redis Command: SELECT  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\redis\Connection::executeCommand] Executing Redis Command: GET  
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\redis\Connection::executeCommand] Executing Redis Command: SET
```

```
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Module::getModule] Loading module: audit
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Application::bootstrap] Bootstrap with bedesign\yii2\audit\Audit
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] [
    'rule' => 'gii',
    'match' => false,
    'parent' => null,
]
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] [
    'rule' => 'gii/<id:\\w+>',
    'match' => false,
    'parent' => null,
]
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] [
    'rule' => 'gii/<controller:[\\w\\-]+>/<action:[\\w\\-]+>',
    'match' => false,
    'parent' => null,
]
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] [
    'rule' => 'company/findbymatchid',
    'match' => false,
    'parent' => null,
]
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] [
    'rule' => 'ga/stats',
    'match' => false,
    'parent' => null,
]
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] [
    'rule' => 'project/id/<id:\\d+>',
    'match' => false,
    'parent' => null,
]
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\UrlManager::parseRequest] No matching URL rules. Using default URL parsing logic.
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\web\Application::handleRequest] Route requested: ''
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Controller::runAction] Route to run: baseinfo/index
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\redis\Connection::executeCommand] Executing Redis Command: GET
    in /home/yangchao/project/vendor/lspbupt/sso/src/helpers/SSOHelper.php:53
    in /home/yangchao/project/vendor/lspbupt/sso/src/models/User.php:51
    in /home/yangchao/project/vendor/bedesign/yii2-audit/src/Audit.php:336
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\InlineAction::runWithParams] Running action: backend\controllers\BaseinfoController::acti
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/baseinfo/_cla
    in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/baseinfo/_inc
```

```
in /home/yangchao/project/backend/views/baseinfo/_claim.php:13
in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/baseinfo/_sta
in /home/yangchao/project/backend/views/baseinfo/_claim.php:15
in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\Module::getModule] Loading module: gridview
in /home/yangchao/project/vendor/kartik-v/yii2-krajee-base/Config.php:277
in /home/yangchao/project/vendor/kartik-v/yii2-krajee-base/Config.php:258
in /home/yangchao/project/vendor/kartik-v/yii2-grid/GridView.php:927
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/layouts/main.
in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/layouts/head
in /home/yangchao/project/backend/views/layouts/main.php:57
in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/layouts/left.
in /home/yangchao/project/backend/views/layouts/main.php:62
in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
2017-03-16 11:30:13 [119.57.161.139][400][-][trace][yii\base\View::renderFile] Rendering view file: /home/yangchao/project/backend/views/layouts/cont
in /home/yangchao/project/backend/views/layouts/main.php:68
in /home/yangchao/project/backend/controllers/BaseinfoController.php:98
```

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