

Koa源码分享

zz / 钟志强

koa

next generation web framework for node.js

Node的http模块

```
const http = require('http');
const server = http.createServer((req, res) => {
  res.statusCode = 200;
  res.setHeader('Content-Type', 'text/plain');
  res.end('Hello World');
});
server.listen(3000);
```

Koa - Hello World

```
const Koa = require( 'koa' );  
const app = new Koa();  
  
app.use(async ctx => {  
  ctx.body = 'Hello World';  
});  
  
app.listen(3000);
```

Koa — middleware

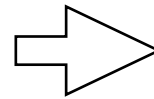
```
const Koa = require('koa');  
const app = new Koa();
```

```
app.use(async (ctx, next) => {  
  console.log('pre1')  
  await next();  
  console.log('post1');  
});
```

```
app.use(async (ctx, next) => {  
  console.log('pre2');  
  await next();  
  console.log('post2')  
});
```

```
app.use(async ctx => {  
  console.log('pre3')  
  ctx.body = 'Hello World';  
  console.log('post3');  
});
```

```
app.listen(3000);
```



pre1
pre2
pre3
post3
post2
post1

Koa — node的http模块的封装

Koa — 中间件机制

Scene

```
const Koa = require('koa');  
const app = new Koa();
```

```
app.use(async (ctx, next) => {  
  console.log('pre1')  
  await next();  
  console.log('post1');  
});  
app.use(async (ctx, next) => {  
  console.log('pre2');  
  await next();  
  console.log('post2')  
});  
app.use(async ctx => {  
  console.log('pre3')  
  ctx.body = 'Hello World';  
  console.log('post3');  
});  
  
app.listen(3000);
```

koa

koa-compose

koa — <https://github.com/koajs/koa>

koa-compose — <https://github.com/koajs/compose>

End