

X-Ray Instrumentation in your code

- **Instrumentation** means the measure of product's performance, diagnose errors, and to write trace information.
- To instrument your application code, you use the **X-Ray SDK**
- Many SDK require only configuration changes
- You can modify your application code to customize and annotation the data that the SDK sends to X-Ray, using **interceptors, filters, handlers, middleware...**

Example for Node.js & Express

```
var app = express();

var AWSXRay = require('aws-xray-sdk');
app.use(AWSXRay.express.openSegment('MyApp'));

app.get('/', function (req, res) {
  res.render('index');
});

app.use(AWSXRay.express.closeSegment());
```