

# Lambda and CloudFormation – inline

```
AWSTemplateFormatVersion: '2010-09-09'
Description: Lambda function inline
Resources:
  primer:
    Type: AWS::Lambda::Function
    Properties:
      Runtime: python3.x
      Role: arn:aws:iam::123456789012:role/lambda-role
      Handler: index.handler
      Code:
        ZipFile: |
          import os

          DB_URL = os.getenv("DB_URL")
          db_client = db.connect(DB_URL)
          def handler(event, context):
            user = db_client.get(user_id = event["user_id"])
            return user
```

- Inline functions are very simple
- Use the `Code.ZipFile` property
- You cannot include function dependencies with inline functions