Secure Serverless Endpoint with Webtask
Who am I?

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Serverless
Quick History
A typical Client-Server
Why still C-S Architecture?

- Technology evolution has changed its application
- Improved Hardware
- Lack of Trust

“We still need a trust boundary between client and server to control access to shared data or functionality.”
Backend on Server

A Typical Backend

A Typical Server Room
Our Own Servers
Our Own Servers
Moved to Cloud

It's someone else's servers
Serverless: someone else’s servers

*Autoscale + No Idle Costs*  
— Rob Mensching
Examples

➔ WebTask
➔ AWS Lambda
➔ Azure Functions
From Backend to WebTask
From Backend to WebTask
From Backend to WebTask
From Backend to WebTask
WebTask
WebTask: Scenario

- WebTask as a Code Sandbox
- WebTask as a Webhook
How to start with WebTask?
Getting Started

1. Install WebTask CLI
   
   ```
   npm install wt-cli -g
   ```

2. Init WebTask
   
   ```
   wt init
   ```

3. Create hello.js and Deploy
   
   ```
   echo "module.exports = function (cb) {cb(null, 'Hello');}" > hello.js
   wt create hello.js
   ```
Success WebTask and WebTask Editor

```javascript
echo "module.exports = function (cb) {cb(null, 'Hello');";" > hello.js
wt create hello.js
```

Congratulations! You have just created your first webtask: https://sandbox.auth0-
extend.com/api/run/wt-db97f712472e32f666e6a7bdea7614da-0/hello

Use Webtask Editor.

Try the web based Webtask Editor to quickly edit and test a webtask, manage secrets,
crons, metadata and synchronize it with GitHub.

```bash
wt edit hello
```
Thank you!