



## ***YRS Packet Content***

**twilio** is a simple, powerful RESTful API that enables developers to build SMS and Voice applications in the cloud.

We're proud to support **Young Rewired State** and invest in you to build the future of communications.

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## **BUILT on Twilio**

Learn how developers like you are using **twilio** to build the future of communication applications.

### **Spotify Twilio Request Line**

The Spotify X Twilio Request line lets you request songs via SMS

In two hours, UK Twilio Developer Evangelist, Stevie Graham, used the Twilio and Spotify API to create a Spotify application that lets you request songs by text message.

**Watch the demo [here](#).**

### **twilioBot**

The twilioBot is a phone-controlled robot

Hacked together by our youngest evangelist, the twilioBot is a phone-controlled robot created with Node.js, RN-XV, WiFly and Twilio. Using the phone's dial pad, you can instruct the Arduino robot to perform basic movements. **See it in [action](#) and find the full source code on GitHub at [jonmarkgo/Twiliobot](#).**

### **Anonymize.me**

[Anonymize.me](#) lets you secretly find the correct size for your gift

Built during a Zappos Holiday hackathon, developer Erik Dungan used the Twilio API to build an app that sends an anonymous text message to the person you're shopping for and asks for their shoe size. Once they respond, a message is sent back to you with their answer. **Now you can buy great gifts without spoiling the surprise.**

### **GroupMe**

GroupMe is the best way to chat with everyone you know

In 2010, a group of developers competing in the TechCrunch Disrupt hackathon built a cross-platform group texting application that went on to gain thousands of users, raise \$11.5 million in funding and get acquired by Skype for around \$85 million. The app is still available for use today. **Sign up and download the app [here](#).**

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## **BUILD**

## **APPS THAT COMMUNICATE**

## WITH VOICE & SMS

**twilio** is a RESTful API for sending and receiving SMS messages and making and receiving voice calls over phone lines and VoIP.

### Make & receive phone calls

Bring the power of **voice** to your applications: add call recording, text-to speech and conferencing.

### Add voice to web & mobile apps

Build VoIP communications into any web, iOS or Android app with Twilio **Client**. Turn any device into a phone.

### Instantly buy phone numbers

Twilio provides **toll free** and **local numbers** for Voice and SMS in the US, Canada and UK as well numbers for Voice in 10 other countries.

### Send & receive text messages

Enable your apps to send and receive **text messages**. Use a short code for high-volume applications.

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## GET STARTED IN A FEW LINES OF CODE

**Twiml**, the Twilio Markup Language, is a set of XML commands that instructs Twilio to read text to the caller, send an SMS, play audio files, get keypad input, record audio, make phone calls and more. With just a single line of code, you can make the phone in your pocket ring.

**<Say>** converts text to speech that is read back to the caller.

```
<Response>  
  <Say>Hello World</Say>  
</Response>
```

**<Play>** plays an audio file back to the caller.

```
<Response>  
  <Play>https://api.twilio.com/cowbell.mp3</Play>  
</Response>
```

**<Sms>** sends a SMS message to a phone number.

```
<Response>  
  <Sms>Store Location:  
    123 Easy St.</Sms>  
</Response>
```

**<Dial>** connects the current caller to another phone.

```
<Response>
```

```
<Dial>415-123-4567</Dial>
<Say>Goodbye</Say>
</Response>
```

<Record> records the caller's voice and returns a URL containing the audio.

```
<Response>
  <Say>
    Please leave a message.
  </Say>
  <Record
    action="http:foo.edu
    /handlerecording.php"
    method="GET"
    maxLength="20"
    finishOnKey="*"
  />
  <Say>I did not receive a recording
</Say>
</Response>
```

<Gather> collects digits that a caller enters into the telephone keypad.

```
<Response>
  <Gather>
    action="process_gather.php"
    method="GET">
    <Say>Please enter your account number followed by the pound sign.
  </Say>
  </Gather>
  <Say>We didn't receive any input. Goodbye!</Say>
</Response>
```

Explore the <Gather> and <Record> TwiML verbs at [ahoy.twilio.com/build](http://ahoy.twilio.com/build).

Interested in building the future of communications? [Sign up](#) for a free trial and [email us](#) for an instant upgrade.

## EXTRAS

### Documentation:

<http://www.twilio.com/docs>

### Helper Libraries:

<http://www.twilio.com/docs/libraries>

### Quickstart Tutorials

<http://www.twilio.com/docs/quickstart>

### Twilio Quickstart Tutorial Screencasts

<http://www.youtube.com/user/TeamTwilio>