

# Sending SMS through Node

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# Goal

To send a text programmatically  
- our code needs to make an XHR  
request to an SMS gateway that  
will read the text and then send  
the text to the recipient's phone  
number

# Definitions



01

## API

An application programming interface - code that enables 2 software programs to communicate.

02

## XHR Request

XMLHttpRequest - JavaScript API to create AJAX requests.

03

## SMS gateway

Short message service - site users can send messages from browser



# Basic Version (PureText) of this:

Place this code in your app.js or server.js

Run: 'npm install puretext --save' in terminal\*/

```
const puretext = require('puretext');
require('request');

let text = {
  toNumber: '+X-XXX-XXX-XXXX',
  fromNumber: '+14157992515', (NEED TO GET)
  smsBody: 'Your appointment is at 10.',
  apiToken: 'testaccount' (NEED TO GET)
};

puretext.send(text, function (err, response) {
  if(err) console.log(err);
  else console.log(response)
})
```

01

# BANDWIDTH SMS API

A CPaaS provider and a network operator

Sending text alerts, surveys, or just  
bridging a connection. Group messaging?  
More than 160 characters? Need to interact  
with bots or pin codes?  
Has an 'endlessly flexible SMS API'



**02**

# MessageBird API



# PLIVO API

03



04

# TWILIO API



**TO Twilio!**



# Thank You



# RESOURCES

- <https://www.codementor.io/@nicks/send-a-tex-sms-using-node-js-a084719np>
- <https://developer.mozilla.org/en-US/docs/Glossary/XMLHttpRequest>
- <https://www.courier.com/guides/nodejs-send-sms/>
- <https://www.twilio.com/docs/sms/tutorials/how-to-send-sms-messages-node-js#sign-up-for-or-log-in-to-your-twilio-account>
- • <https://www.twilio.com/docs/libraries/node>