

BABEL

a talk about Babel and compilers (maybe)

YOU CAN'T GET COMPILER ERRORS

IF YOUR LANGUAGE IS INTERPRETED

**Dan Abramov**

@dan_abramov

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Babel is the new jQuery.

9:34 AM - 16 May 2017

167 Retweets 504 Likes



32



167



504

Dan Abramov

@dan_abramov

Working on [@reactjs](#) and Create React App to help humans.

London, England

Joined August 2015

**Dan Abramov** @dan_abramov · May 16Replying to [@dan_abramov](#)

Ironically it suffers from the same problems. 😊



3



4



39

**Dan Abramov** @dan_abramov · May 16

I like Babel btw 😊. Just fun to draw parallels between tools in different spaces.



3



12

**xnorj brian** @brianleroux · May 16

this pattern repeats a whole bunch in our industry. step back from the web and look at ui toolkits in general and you see same thing a lot



1



3

**xnorj brian** @brianleroux · May 16

think babel has a unique advantage here w the importance of the web moving fwd having a 'safe' prototyping surface. problem is...1/2



1



1



6

**xnorj brian** @brianleroux · May 16

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1 Write code here

1 "use strict";



I Am Devloper

@iamdevloper

Following



- hey how did your hackathon go?
- not too bad, we got Babel set up
- yep...
- yep.

5:53 AM - 17 Oct 2016

1,182 Retweets 2,187 Likes



25

1.2K

2.2K





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Compiler


From Wikipedia, the free encyclopedia

(Redirected from [Compilers](#))

*This article is about software to translate computer languages. For the anime, see [Compile](#).
For the Japanese company, see [Compile Software](#).
For "Compile" and "compilation", see [Compilation](#) here. For the software company, see [Compile \(company\)](#).
[Compilation](#).*

Relies too much on **references to primary sources** instead of using **secondary or tertiary sources**. (February 2017)

A **compiler** is computer code written in one programming language (the source code) into another computer language (the target code). This type of translator that support digital computers. The name *compiler* is primarily used to describe the translation of source code from a high-level programming language (e.g., assembly language), to create an executable program.

However,  of compilers. If the compiled

Pro

- Runtime s
- Runtime li
- Executabl
- **Compiler**
- Interpreter
- Virtual ma
- Intermedia
- Source co

Stages of **Babel**

**Parse
Transform
Generate**

Think
like a
compiler.

```
const greeting = (name) =>  
  "Hello " + name
```


Compiler-compilers

(grammar) \Rightarrow parser



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Compiler-compiler

From Wikipedia, the free encyclopedia

*Not to be confused with [total mind f*ck](#).*



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It has been suggested that this article be [merged](#) with [Metacompiler](#). ([Discuss](#)) *Proposed since May 2016.*

In [computer science](#), a **compiler-compiler** or **compiler generator** is a [programming tool](#) that creates a [parser](#), [interpreter](#), or [compiler](#) from some formal description of a [language](#) and [machine](#). The input may be a text file containing the [grammar](#) written in [BNF](#) or [EBNF](#) that defines the [syntax](#) of a [programming language](#) and whose generated output is some [source code](#) of the parser for the programming language.

Usually, the resulting source code will have to be extended upon before a compiler can be used.

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Ohm Parser Generator

<https://github.com/harc/ohm>

Babel Plugins

**I Am Devloper**

@iamdevloper

Following



steps to writing js in 2017:

1. install node

2. configure babel

...

9. slowly beat the eggs into the flour and butter

...

35. open index.js

1:57 PM - 10 Oct 2017

1,773 Retweets 4,128 Likes



Tweet your reply



TC39

- 0. Strawman
- 1. Proposal
- 2. Draft
- 3. Candidate
- 4. Finished

hey, you can use stage 0
features down here



Thanks!



@_matthamil