What is Redux?

A simple overview of Redux in layman's terms.

The official documentation for Redux reads:

Redux is a predictable state container for JavaScript apps.

Read Me

Last updated last month

[⚫ Edit on GitHub]

Redux is a predictable state container for JavaScript apps.
(Not to be confused with a WordPress framework – Redux Framework.)

It helps you write applications that behave consistently, run in different
environments (client, server, and native), and are easy to test. On top of that, it
provides a great developer experience, such as live code editing combined with
a time traveling debugger.

You can use Redux together with React, or with any other view library.
It is tiny (2kB, including dependencies).

Those 9 words felt like 90 incomplete phrases when I first read them. My bad.
I just didn't get it. You most likely don't too.

Don't sweat it. I'll go over that in a bit, and as you use Redux more, that
sentence will get clearer.

On the bright side, if you read the documentation a little longer, you'll find the
more explanatory stuff somewhere in there.

It reads:

It helps you write applications that behave consistently...

You see that?

In layman's terms, that's saying, "it helps you tame the beast". Metaphorically.

Redux takes away some of the hassles faced with state management in large applications. It provides you with a great developer experience, and makes sure that the testability of your app isn't sacrificed for any of those.

As you develop React applications, you may find that keeping all your state in a top-level component is no longer sufficient for you.

You may also have a lot of data changing in your application over time.

Redux helps solve this kind of problems. Mind you, it isn't the only solution out there.