**Getting Redux DevTools to Work with TypeScript**

[Redux DevTools](https://chrome.google.com/webstore/detail/redux-devtools/lmhkpmbekcpmknklioeibfkpmmfibljd?hl=en) is a chrome extension that enables developers to see Redux state change in the browser’s console. This post is a quick reference to set up your TypeScript react file so that you can debug your code with Redux DevTools.

For normal JavaScript, it will be easy. You can just pass composeEnhancer() into the store with the property \_\_REDUX\_DEVTOOLS\_EXTENSION\_COMPOSE\_\_ as below. This code goes into the index.jsx or wherever you wrap entire app with Provider in the ReactDom.render() method.

On the other hand, TypeScript does not know the type of the property. Therefore, you will get the error; Property '\_\_REDUX\_DEVTOOLS\_EXTENSION\_COMPOSE\_\_' does not exist on type 'Window'.

Hence, you need to add the property to the global window as below.

The devtools should be working now!

Code used

<pre class="theme:vs2012-black font:verdana font-size:13px toolbar:2 lang:js decode:true ">

import React from 'react';

import ReactDom from 'react-dom';

import App from './App';

import { Provider } from 'react-redux'

import { createStore, compose } from 'redux'

let composeEnhancers

composeEnhancers = window.\_\_REDUX\_DEVTOOLS\_EXTENSION\_COMPOSE\_\_ || compose

let store = createStore(

reducers,

composeEnhancers()

)

ReactDom.render(

<Provider store={store}>

<App />

</Provider>,

document.getElementById('react')

)

</pre>

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Hence, you need to add the property to the global window as below.

<pre class="theme:vs2012-black font:verdana font-size:13px toolbar:2 lang:js decode:true ">

import \* as React from 'react'

import \* as ReactDOM from 'react-dom'

import App from './App';

import { createStore, compose } from 'redux';

import { Provider }from 'react-redux';

declare global {

interface Window {

\_\_REDUX\_DEVTOOLS\_EXTENSION\_COMPOSE\_\_?: typeof compose;

}

}

const composeEnhancers = window.\_\_REDUX\_DEVTOOLS\_EXTENSION\_COMPOSE\_\_ || compose;

const store = createStore(reducer, composeEnhancers())

ReactDOM.render(

<Provider store = {store}>

<App />

</Provider>,

document.getElementById('root')

)

</pre>