**1. Install BVM**

npm i -g @teambit/bvm

## 2. Install Bit

bvm install

## BVM and Bit Versions

bvm version

### Upgrading BVM: npm i -g @teambit/bvm

### Upgrading Bit: bvm upgrade

##### HAVE A LEGACY VERSION OF BIT INSTALLED ON YOUR MACHINE?

Use the bbit command to run Bit's latest version and the bit command for Bit's legacy version.

**Using v15 and v14**[**#**](https://harmony-docs.bit.dev/reference/using-bvm/#using-v15-and-v14)

If you have a previous version of Bit installed (bit-bin), the default binary name for v15 will be bbit.

You can change the binary name for Harmony by running the following command after installing BVM and before installing Bit.

bvm config set DEFAULT\_LINK <new-value>

## BVM configurations[#](https://harmony-docs.bit.dev/reference/using-bvm/#bvm-configurations)

BVM has several configurations

* DEFAULT\_LINK - The default command name to be linked to BVM's latest version.  
  bit is linked by default unless a legacy version of Bit is installed. In that case, bbit will be linked, instead.
* BVM\_DIR - The location for BVM

Get BVM configurations

bvm config

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Set BVM configurations

bvm config set <property> <new-value>

**Initializing a Workspace**

First setup a new Git repo for your project and then initialize the Bit workspace.

git init

## Bit New React Workspace

## Start a new Bit workspace with a React environment.

## >bbit new react-workspace mycustomlibrary(for older version-check bvm config for bbit)

bit new react-workspace <my-project-name>

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Install all dependencies(didn’t work in our case)

bit install

##### EXPERIMENTAL FEATURE

This is experimental and may change in the future. If your experience any issues with this command please let us know or feel free to use the manual process below

## Bit Init a Workspace[#](https://harmony-docs.bit.dev/getting-started/initializing-workspace#bit-init-a-workspace)

Initialize a Bit Harmony workspace.

bit init --harmony

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Once installed you should get the following message:

successfully initialized a bit workspace.

**Created Files**[**#**](https://harmony-docs.bit.dev/getting-started/initializing-workspace#created-files)

Bit creates the following files when initializing a new workspace:

* workspace.jsonc - The workspace configuration file that sets rules and policies for the workspace and all its components.
* .bitmap - An auto-generated mapping between tracked components in the workspace and their physical location on the file system. The file-structure of your workspace is entirely up to you.
* .git/bit (hidden directory) - Your local scope. Where your workspace's component release versions are stored.

## 

## Committing to git#

## Both the workspace.jsonc and the .bitmap should be commited to git. The .git/bit folder will be automatically ignored by git.

## Setting a React Environment[#](https://harmony-docs.bit.dev/getting-started/initializing-workspace#setting-a-react-environment)

**Uncomment** the following line in your workspace.jsonc file, to apply the React development environment on all components in this workspace.

workspace.jsonc

"teambit.workspace/variants": {

"\*": {

"teambit.react/react": { }

}

}

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Install React and React Dom as peer dependencies:

bit install react --type peer

bit install react-dom --type peer