

Error:

How do I fix a failed build error [E0635]: unknown feature 'proc\_macro\_span\_shrink'?

Solution:

`rustup default stable`

Error:

error: the wasm32-unknown-unknown target is not supported by default, you may need to enable the "js" feature. For more information see: <https://docs.rs/getrandom/#webassembly-support> --> /Users/stefan\_muto/.cargo/registry/src/github.com-1ecc6299db9ec823/getrandom-0.2.3/src/lib.rs:219:9 | 219 | / compile\_error!("the wasm32-unknown-unknown target is not supported by \ 220 | | default, you may need to enable the \"js\" feature. \ 221 | | For more information see: \ 222 | | <https://docs.rs/getrandom/#webassembly-support>");

Solution:

Error:

Error: failed to run custom build command for `tikv-jemalloc-sys v0.4.3+5.2.1-patched.2`

Solution:

- + Try using wsl2 instead of wsl
- + Or Was missing wasm32 as installation target

Error:

How to solve this Failed to compact generated WASM binary.: Error(UnknownOpcode(192))  
- contract node - ink! contract build - ink! smart contract

Solution:

ran into the same issue using v3.0 cargo contract , updating cargo contract to v4 solved it.  
Use

```
cargo install --git https://github.com/paritytech/cargo-contract  
cargo-contract --force
```

to update

Error

Missing `successful\_origin` in implementation when running runtime-benchmarks

Solution:

The problem here was a missing feature flag which enabled the runtime-benchmarks features in downstream dependencies.

Error:

Enable to build substrate node template on M2

Solution:

Try to install following libraries:

1. `apt get install make and/or`
2. `cargo install fd-find`

Also try to use both versions of toolchains:

1. `rustup default stable`
2. `rustup default nightly`

Error:

Substrate Node Template does not start

I followed the tutorial on

<https://docs.substrate.io/tutorials/build-a-blockchain/build-local-blockchain/> exactly, but after building the node template

(<https://github.com/substrate-developer-hub/substrate-node-template>) and trying to run it with `./target/release/node-template --dev` I get the following error message:

Error: Service(Client(VersionInvalid("cannot deserialize module: UnknownOpcode(192)"))) 2023-04-04 21:13:57 Substrate Node 2023-04-04 21:13:57 🙌 version 4.0.0-dev-700c3a186e5 2023-04-04 21:13:57 ❤️ by Substrate DevHub <<https://github.com/substrate-developer-hub>>, 2017-2023 2023-04-04 21:13:57 📋 Chain specification: Development 2023-04-04 21:13:57 🏠 Node name: future-carriage-5924 2023-04-04 21:13:57 👤 Role: AUTHORITY 2023-04-04 21:13:57 🗄 Database: RocksDb at /tmp/substrate7hcjL/chains/dev/db/full 2023-04-04 21:13:57 ⚙ Native runtime: node-template-100 (node-template-1.tx1.au1) 2023-04-04 21:13:57 Cannot create a runtime error=Other("cannot deserialize module: Unkn

Solution:

This issue happens in recent rust nightly builds, try downgrading to `nightly-2023-03-14`

More info:

- <https://github.com/paritytech/substrate/issues/13636>
- [cannot run substrate on a fresh macbook m2](#)

Once you downgrade the nightly toolchain, you will have to build the project again

