

作业

手动实现Kitty和LinkedItem的Encode和Decode

Fn encode_to<T:Output>(&self, dest: &mut T)

Fn decode<I: Input>(input:&mut I)->core::result::Result<Self, codec::Error>

note:还要实现EncodeLike

kitties.rs: Line 70~81

linked_item.rs: Line 13~31

cargo test --all

```
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out
```

```
Running target/debug/deps/mod-0f38f15d1e68a29e
```

```
running 2 tests
```

```
test test_compact ... ok
```

```
test test_codec ... ok
```

```
test result: ok. 2 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out
```

```
Running target/debug/deps/substrate_kitties_runtime-c2b5cf14d952dd84
```

```
running 3 tests
```

```
test template::tests::it_works_for_default_value ... ok
```

```
test kitties::tests::owned_kitties_can_append_values ... ok
```

```
test kitties::tests::owned_kitties_can_remove_values ... ok
```

```
test result: ok. 3 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out
```

```
Doc-tests substrate-kitties-runtime
```

```
running 0 tests
```

```
test result: ok. 0 passed; 0 failed; 0 ignored; 0 measured; 0 filtered out
```

额外作业

讨论SCALE编码和其他编码的相比的优缺点

其他编码例子：protobuf,JSON,cbor

如果由你来选择，你会选择什么编码，为什么？

作业

- 手动实现 Kitty 和 LinkedItem 的 Encode 和 Decode
- `fn encode_to<T: Output>(&self, dest: &mut T)`
- `fn decode<I: Input>(input: &mut I) -> core::result::Result<Self, codec::Error>`
- 注：还要实现 EncodeLike

额外作业

- 讨论 SCALE 编码和其他编码的相比的优缺点
- 其他编码例子：protobuf, JSON, cbor
- 如果由你来选择，你会选择什么编码，为什么？