

# Conflux (local)

<https://developer.confluxnetwork.org/conflux-doc/docs/installation/> ( linux osx, windows)

conflux

```
$ git clone https://github.com/Conflux-Chain/conflux-rust
$ cd conflux-rust
$ git checkout v2.0.0
```

```
$ cargo build --release
```

conflux run

```
$ cd conflux-rust/run
```

toml dev toml

```
$ cp hydra.toml development.toml
```

```
# boostnode
# mode = "dev"
# dev_block_interval_ms = 250
```

' '

```

sdk                                cfx,
                                   keystore

```

go-sdk , sdk

```

func main(){
    createAcc()
    exportPriKeys()
}

func createAcc(){
    client, err := conflux.NewClient(local_url, conflux.ClientOption{
        KeystorePath: ".keystore"}) //local_url = "http://127.0.0.1:12537"
    if err != nil {
        panic(err)
    }
    defer client.Close()
    acc1, err := client.AccountManager.Create("test")
    if err != nil {
        log.Fatalln(err)
    }
    fmt.Println(acc1.String())

    acc2, err := client.AccountManager.Create("test")
    if err != nil {
        log.Fatalln(err)
    }
    fmt.Println(acc2.String())
}

func exportPriKeys(){
    client, err := conflux.NewClient(local_url, conflux.ClientOption{
        KeystorePath: ".keystore"}) //local_url = "http://127.0.0.1:12537"
    if err != nil {
        panic(err)
    }
    defer client.Close()
    list := client.GetAccountManager().List()
    priv1, err := client.GetAccountManager().Export(list[0], "test")
    if err != nil {
        panic(err)
    }
    priv2, err := client.GetAccountManager().Export(list[1], "test")
    if err != nil {
        panic(err)
    }
}

```

```

    }
    fmt.Println(priv2)
    fmt.Println(priv1)
}

```

conflux-rust/run

```

vim key.txt

#          0x,          ,
# 931fffc586b7596b3f40bf67f4a38150c54d4cf98a96d25e8e679ba0825545cf
# 628819aeb8c48d044de86706ae17f7a8675af563582aea27502f40bf1ccdd35c

```

development.toml

```
genesis_secrets = "key.txt"
```

,

```
sh clear_state.sh
```

```
sh test.sh
```

sdk

```

func queryBalance(){
    client, err := conflux.NewClient(local_url, conflux.ClientOption{
        KeystorePath: ".keystore"}) //local_url = "http://127.0.0.1:12537"
    if err != nil {
        panic(err)
    }
    defer client.Close()
    t, err := client.GetAccountManager().GetDefault()
    if err != nil {
        panic(err)
    }
    fmt.Println(t.String())
}

```

```
m, err := client.GetBalance(*t)
if err != nil {
    panic(err)
}
fmt.Println(m.String())
}
```

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Revision #6

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