

Cry (cryptographic framework)
Project 1 (Project Plan): Presentation

2017/01/29

Alice (sender)

```
$ cry encrypt --cryptosystem=rsa \  
> --receiver-public-key=825 \  
> --plaintext=4692301804  
The ciphertext is 1110003333 (took 1 second).
```

Bob (receiver)

```
$ cry decrypt --cryptosystem=rsa \  
> --receiver-private-key=637 \  
> --ciphertext=1110003333  
The plaintext is 4692301804 (took 1 second).
```

Eve (eavesdropper)

```
$ cry eavesdrop --cryptosystem=rsa \  
> --receiver-public-key=825 \  
> --ciphertext=1110003333  
The plaintext is 4692301804 (took 1 year).
```