Cry
Project 1 (Project Plan): Presentation

January 23, 2017

- *Alice* (sender)

```
$ cry -scheme=rsa -receiver-public-key=825 \
> -plaintext=4692301804 encrypt
The ciphertext is 0001117890 (took 1 second).
```

- *Bob* (receiver)

```
$ cry -scheme=rsa -receiver-private-key=637 \
> -ciphertext=0001117890 decrypt
The plaintext is 4692301804 (took 1 second).
```

- *Eve* (eavesdropper)

```
$ cry -scheme=rsa -receiver-public-key=825 \
> -ciphertext=0001117890 eavesdrop
The plaintext is 4692301804 (took 1 year).
```