

# Cry

## Project 1 (Project Plan): Presentation

January 23, 2017

► *Alice*

```
$ cry -scheme=rsa -receiver-public-key=825  
-plaintext=4692301804 encrypt  
> The ciphertext is 1234567890 (took 5 seconds).
```

► *Bob*

```
$ cry -scheme=rsa -receiver-private-key=637  
-ciphertext=1234567890 decrypt  
> The plaintext is 4692301804 (took 10 seconds).
```

► *Eve*

```
$ cry -scheme=rsa -receiver-public-key=825  
-ciphertext=1234567890 eavesdrop  
> The plaintext is 4692301804 (took 50 years).
```