

## Application Layer

libgiis<sup>4</sup>

./modismaskfires

## Network Layer

libspp<sup>3</sup>

./spppack

./sppunpack

./sppfilter

./sppinfo

## Data Link Layer

libcadu<sup>2</sup>

./cadupack

./caduunpack

./caduhead

./cadutail

./caduinfo

## Physical Layer

### NASA Decoder Pipeline<sup>1</sup>

X-Band Radio



QPSK  
Demodulation

Frame Alignment  
(Optional)

RT-STPS

L0 to L1

L1A to L1B

MOD14\_SPA

Other derived  
datasets

Bluemarble  
Other consumers  
...