

# *ATAPI MessageSet*

The *ATAPI* messageset contains a pair of messages used to interface between the packet driver at the *ATAPI* layer and the underlying *ATA* driver.

## Message Definition

### PACKETR

```
typedef struct
{
    uchar          *packet          ATAPI packet data
    uchar          *data            input buffer
    int           datal            size of input buffer
} ROME_T_PACKETR;
```

The *PACKETR* message sends the data in *packet* as a *PACKET* command to the specified device; it then returns up to *datal* bytes read from the device in the *data* array. The value of *datal* is updated to the actual count of bytes returned.

### PACKETW

```
typedef struct
{
    char          *packet          ATAPI packet data
    char          *data            output buffer
    int           *datal            size of output buffer
} ROME_T_PACKETW;
```

The *PACKETW* message sends the data in *packet* as a *PACKET* command to the specified device; followed by *maxl* bytes written from the *data* array.