Announcements

- Midterm #2 will be on Th. November 13, 1997

- Final Draft of Project proposals are due on Monday Nov. 10
  - by 6:00 PM in my office. If I am not there, please put them under the door.

A couple of notes about C

- ● C Supports declaring bit fields

  – this is the best way to declare an ATM Cell

```
typedef struct {
    unsigned int vpi:12;
    unsigned int vci:16;
    unsigned int pt:3;
    unsigned int clp:1;
} atmHeader;
```

Thread Model

- Project will have a collection of per-connection and static threads
- A Common thread decomposition would be:

Application Threads

Long Lived Threads

Transient Threads

Ftp Session

Ftp Session

Ftpd

Ftp Client

AAL7 Threads

AAL Conn

AAL Conn

AAL Conn Mgmnt.

Timers

ATM Conn. Mgmnt

Routing

Recvfrom

ATM Threads

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