

ATPPParamBlock union

```
#include <AppleTalk.h>
```

```
typedef union ATPPParamBlock { Size    Description
    ATPParms        ATP;                      44        General ATP parms
    SendReqParms    SREQ ;                      52        sendrequest parms
    ATPmisc1        OTH1;                      46        and a few others
    ATPmisc2        OTH2;                      46        and a few others
    Killparms        KILL ;                      48        and a few others
} ATPPParamBlock;                      52
```

```
typedef ATPParamBlock *ATPPBPtr;
```

Notes: **The .ATP Driver** maintains a timer, called the *release timer*, for each call to the **ATPSndRsp** function that is part of an exactly-once (XO) transaction. If the timer expires before the transaction is complete (that is, before the socket receives the transaction release packet), the driver completes the **ATPSndRsp** function. Before AppleTalk Phase 2, the release timer was always set to 30 seconds. To set the other connection end's release timer to another value, set bit 2 of the atpFlags field in the parameter block for the **ATPSndRequest** or the **PNSendRequest** function and add a new byte field to the parameter block at offset 50-the TRelTime field. (The **ATPSndRequest** and **PNSendRequest** functions use the SendRequestParm variant of the ATP parameter block.)

The lower three bits of the TRelTime field indicate the time to which the release timer is to be set, as follows:

TRelTime field	Setting of release timer
000	30 seconds
001	1 minute
010	2 minutes
011	4 minutes
100	8 minutes

The nodes at both ends of the ATP connection must be running AppleTalk Phase 2 drivers for this feature to work.