

XPPParamBlock union

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

```
typedef union XPPParamBlock { Size
    XPPrmBlk            XPP;                346
    ASPGetparmsBlk    GETPARM;            34
    ASPAabortPrm        ABORT;                30
    ASPOpenPrm          OPEN;                44
    AFPLoginPrm        LOGIN;               200
    XCallParam          XCALL;               110
} XPPParamBlock;                    346
```

```
typedef XPPParamBlock *XPPParmBlkPtr;
```

Notes: The .XPP Driver provides these functions that return information about zones:

- The **GetMyZone** function returns the AppleTalk zone name of the node on which your application is running. This function works for both extended and nonextended networks.
- The **GetLocalZones** function returns a list of zone names on the network that includes the node on which your application is running. This function works for extended networks only.
- The **GetZoneList** function returns a complete list of zones on the internet. Before the AppleTalk Phase 2 version of The .XPP Driver, you had to use the AppleTalk Transaction Protocol (ATP) to obtain zone information and request it directly from a router. The Zone Information Protocol (ZIP) functions provided by the new version of The .XPP Driver make it much easier for you to obtain this information. To ensure compatibility with future versions of AppleTalk, you should always use the functions described in above to obtain zone information.

For the **GetMyZone**, the **GetLocalZones**, and the **GetZoneList** functions, The .XPP Driver uses the xCallParam variant to the XPP parameter block.

As for all other **AppleTalk Manager** preferred interface functions, the MPW interface calls the **Device Manager** function known as **PBControl** to implement these ZIP protocol functions. The qLink, qType, ioTrap, ioCmdAddr, and ioVRefNum fields are filled in by the **Device Manager**; your application should not have to set or read these fields. The ioResult field returns the result of the function. If you call the function asynchronously, the **Device Manager** sets this field to 1 as soon as you call the function, and it changes the field to the actual result code when the function completes execution. The ioCompletion field is a pointer to a completion routine that you can provide; the **Device Manager** calls your completion routine when it completes execution of the **PBControl** function. If you are not providing a completion routine, specify NIL for this field.

The value of the ioRefNum field is returned by the **OpenDriver** function; you must provide this value in each call to an .XPP driver routine. The csCode and xppSubCode fields specify the command to be executed; the MPW Pascal interface fills in these fields for you. The .XPP zone information functions do not use the cmdResult field.