

DBAsyncParamBlockRec structure

```
#include <DatabaseAccess.h>
```

```
typedef struct DBAsyncParamBlockRec {Size Offset Description
  ProcPtr    completionProc;           4    0    pointer to completion routine
  OSErr      result;                   2    4    result of call
  long       userRef;                  4    6    for application's use
  long       ddevRef;                  4   10    for ddev's use
  long       reserved;                 4   14    for internal use
} DBAsyncParamBlockRec                18
```

```
typedef DBAsyncParamBlockRec *DBAsyncParmBlkPtr;
```

The *completionProc* field is a pointer to a completion routine that the database extension calls when it has completed executing the asynchronous function. Before calling the completion routine, the **Data Access Manager** places a pointer to the asynchronous parameter block in the A0 register. If you do not want to use a completion routine, set this parameter to NIL.

The database extension sets the *result* field to 1 while the routine is executing, and places the result code in it when the routine completes. Your application can poll this field to determine when an asynchronous routine has completed execution.

The *userRef* field is reserved for the application's use. Because the **Data Access Manager** passes a pointer to the parameter block to the completion routine, you can use this field to pass information to the completion routine.

The *ddevRef* field is reserved for use by the database extension, and the reserved field is reserved for use by the **Data Access Manager**.

You can use the **DBKill** function to cancel an asynchronous routine.