

**SndDoubleBuffer** structure

```
#include <Sound.h>
```

typedef struct <b>SndDoubleBuffer</b> {		<u>Size</u>	<u>Offset</u>	<u>Description</u>
<u>long</u>	dbNumFrames;	4	0	number of frames in buffer
<u>long</u>	dbFlags;	4	4	buffer status flags
<u>long</u>	dbUserInfo[2];	8	8	for application's use
<u>char</u>	dbSoundData[1];	1	16	array of data
} <b>SndDoubleBuffer</b> ;		18		

```
typedef SndDoubleBuffer *SndDoubleBufferPtr;
```

**Field descriptions**

dbNumFrames The number of frames in the *dbSoundData* array.

dbFlags Buffer status flags.

dbUserInfo Two long words into which you can place information that you need to access in your doubleback procedure.

dbSoundData A variable-length array. You write samples into this array, and the synthesizer reads samples out of this array.

The buffer status flags field for each of the two buffers may contain either of these values:

dbBufferReady  
dbLastBuffer

All other bits in the *dbFlags* field are reserved by Apple, and your application should not modify them.