

The Size Resource

The 'SIZE' resource tells the **Finder** and the **Process Manager** which features your application supports and how much memory to allocate when it starts up your application. The following sample code illustrates a 'SIZE' resource:

```
resource 'SIZE' (-1, purgeable) {  
    reserved,  
    acceptSuspendResumeEvents,  
    reserved,  
    canBackground,  
    doesActivateOnFGSwitch,  
    backgroundAndForeground,  
    dontGetFrontClicks,  
    ignoreAppDiedEvents,  
    is32BitCompatible,  
    isHighLevelEventAware,  
    localAndRemoteHLEvents,  
    isStationeryAware,  
    dontUseTextEditServices,  
    reserved,  
    reserved,  
    reserved,  
    kPrefSize * 1024,  
    kMinSize * 1024  
};
```

Set up your application's 'SIZE' resource with a resource ID of -1. The user can change the preferred memory size requested for your application. If the user does change the memory size, the **Finder** stores the new size in a 'SIZE' resource with a resource ID of 0. When it launches your application, the **Finder** looks first for a 'SIZE' resource with an ID of 0. If it finds none, it uses the 'SIZE' resource with an ID of -1.

Notice that the tenth field, isHighLevelEventAware, tells the **Finder** that this application supports high-level events. The application must then be able to process the four required Apple events—Open Application, Open Documents, Print Documents, and Quit Application—that the **Finder** sends in response to actions that the user performs from the desktop.

Notice that the twelfth field, isStationeryAware, tells the **Finder** that this application supports stationery pads, which are described in Stationery Pads.