# Scanning folders & subfolders in Symbian devices

```
Location: f32file.h
Link against: efsrv.lib
```

```
TBuf<256> defaultImagesPath(_L("c:\\data\\images\\"));
CDir* presentFolder = NULL;
TFileName filteredImages( defaultImagesPath );
// valid Directory in the file system tree
// this version will only work with UI apps as we are using the CEikonEnv
CDirScan* scanner = CDirScan::NewLC(iEikonEnv->FsSession());
scanner->SetScanDataL(filteredImages, KEntryAttNormal, ESortByDate,CDirScan::EScanDownTree);
scanner->NextL(presentFolder);
while (presentFolder)
{
 for(TInt index(0); index < presentFolder->Count() ;index++)
 {
    TEntry presentEntry = (*presentFolder)[index];
    if( !presentEntry.IsDir() )
    {
   /* presentEntry points to content or file inside the folder
   so do any operation */
    }

 }
 delete presentFolder;
 scanner->NextL(presentFolder);
}
CleanupStack::PopAndDestroy(1);//scanner
```

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