

Filter Items

This sample shows how to filter the files and folders in sdcard directory. You can also filter any other items on a List View from this sample.

Filter.js

```

app.ShowProgress("Loading..." + app.GetInternalFolder())
//List Files and folders on the sdcard

var myArray = app.ListFolder(app.GetInternalFolder()).sort();
//Called when application is started.
function OnStart()
{
    app.ShowProgress("Loading..." + app.GetInternalFolder())
    //Create a layout with objects vertically centered.
    lay = app.CreateLayout( "linear", "TopCenter,FillXY" );

    //Create a text label and add it to layout.
    txt = app.CreateTextEdit( "", 1, .1, "Center,Singleline" );
    txt.SetTextSize( 32 );
    txt.SetHint("filter")
    txt.SetOnChange(change)
    lay.AddChild( txt );
    //Create Check Box
    chk =app.CreateCheckBox("Case insensitive")
    lay.AddChild(chk)
    //Create List
    lst = app.CreateList(myArray, 1, null)
    lst.SetOnTouch(tch)
    lay.AddChild(lst)
    //Add layout to app.
    app.AddLayout( lay );
    app.HideProgress();
}

function change(){
if(chk.GetChecked()){insens()}
else{sens()}
}

function tch(it){
if(app.IsFolder(app.GetInternalFolder()+"/"+it)){app.ShowPopup(it, "Short,Bottom")}
else{
app.OpenFile(app.GetInternalFolder()+"/"+it, null, "Select Application")
}
}

function sens(){

```

```
peo = []
s = ""
text= txt.GetText()
for(i=0;i<myArray.length;i++){
if(myArray[i].indexOf(text)!=-1){
  peo.push(myArray[i])
}
}
lst.SetList(peo)
}
function insens() {
peo = []
s = ""
text= txt.GetText().toLowerCase()
for(i=0;i<myArray.length;i++){
if(myArray[i].toLowerCase().indexOf(text)!=-1){
  peo.push(myArray[i])
}
}
lst.SetList(peo)
}
}
```

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