

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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