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/*-----*
* File Name: ListAllDataPlots.c *
* Creation: ER, 01/17/05 *
* Purpose: Programming Example *
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* *
* Modification Log: *
*-----*/

#include <Origin.h>

////////////////////////////////////
// This example lists the names of datasets associated with all data plots
// in all graphs of the current Origin project.
//
void list_all_dataplots()
{
    // Loop over all graphs in project
    foreach(GraphPage gpg in Project.GraphPages)
    {
        printf("Graph Page: %s\n", gpg.GetName());
        // Loop over all layers
        foreach(GraphLayer gly in gpg.Layers)
        {
            printf("    Layer %d:\n", gly.GetIndex() + 1);
            // Loop over all data plots in layer and get dataset name
            foreach(DataPlot dpl in gly.DataPlots)
            {
                printf("        %s\n", dpl.GetDatasetName());
            }
        }
    }
}

////////////////////////////////////

```