

```

/*-----*
* File Name: RemoveQuotesFromWorksheetCells.c *
* Creation: Forum post by Mike Buess: *
* http://www.originlab.com/forum/topic.asp?TOPIC_ID=3664 *
* Purpose: Programming Example *
* *
* Modification Log: *
*-----*/

#include <Origin.h>

////////////////////////////////////
// This example shows how to remove quotes from the contents of all cells in
// a worksheet. This code segment was posted by Mike Buess in the following
// forum thread: http://www.originlab.com/forum/topic.asp?TOPIC ID=3664
//
void remove quotes from worksheet cells()
{
    // Declare worksheet using active layer
    Worksheet wks = Project.ActiveLayer();
    if( wks )
    {
        Dataset ds;
        StringArray sa;
        string str;
        // loop over each column in wks and remove quotes
        foreach( Column col in wks.Columns )
        {
            // Attach column to the dataset
            ds.Attach(col);
            // Get all contents of column into string array
            ds.GetStringArray(sa);
            // Copy to string, adding | as delimiter token for each cell
            str.SetTokens(sa, '|');
            // Remove all quotes
            str.Remove('"');
            // Copy string back to string array
            str.GetTokens(sa, '|');
            // Copy string array back to dataset, thus updating column
            ds.PutStringArray(sa);
        }
    }
    else
        out str("Active layer is not a worksheet!");
}

```