
Subject: Re: Ole Automation [FEATURE REQUEST?]
Posted by [tojocky](#) on Wed, 06 May 2009 07:52:24 GMT
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Hello Koldo!

I added new methods
for classes OfficeSheet and MSSheet:

```
// >>>Ion Lupascu 06.05.2009 Add this methods
int GetSheetsCount();
bool SetActiveSheet(int index);
bool SetActiveSheet(String name);
bool SetSheetName(String new_name);
// <<<Ion Lupascu 06.05.2009
```

Details for MSSheet:

```
// >>> Ion Lupascu 06.05.2009 Add this methods
int MSSheet::GetSheetsCount(){
    if (!Book)
        return(-1);

    return((int)Ole::GetValue(Ole::GetObject(Book, "Sheets"), "Count"));
}
```

```
// Set active sheet start with 0(zero)
bool MSSheet::SetActiveSheet(int index){
    if(!Book)
        return false;
```

```
    VariantOle index_ole;
    index_ole.Int4(index + 1);
```

```
    if (!(Sheet = Ole::GetObject(Book, "Sheets", index_ole)))
        return false;
```

```
    return true;
}
```

```
// Set active sheet by name
bool MSSheet::SetActiveSheet(String name){
    if(!Book)
        return false;
```

```
    VariantOle name_ole;
    name_ole.BString(name);
```

```

if (!(Sheet = Ole::GetObject(Book, "Sheets", name_ole)))
    return false;

return true;
}

```

```

bool MSSheet::SetSheetName(String new_name){
    if(!Sheet)
        return false;

```

```

    VariantOle new_name_ole;
    new_name_ole.BString(new_name);

```

```

    return Ole::SetValue(Sheet, "Name", new_name_ole);
}
// <<< Ion Lupascu 06.05.2009

```

Details for OfficeSheet:

```

// >>> Ion Lupascu 06.05.2009 Add this methods
int OfficeSheet::GetSheetsCount(){
    if (!data)
        return -1;
    if (type == SheetOPEN)
        return -1; //... need to add ((OPENSheet*)data)->GetSheetsCount();
    else if (type == SheetMS)
        return ((MSSheet*)data)->GetSheetsCount();
    else
        return -1;
}

```

```

// Set active sheet start with 0(zero)
bool OfficeSheet::SetActiveSheet(int index){
    if (!data)
        return false;
    if (type == SheetOPEN)
        return false; //... need to add ((OPENSheet*)data)->SetActiveSheet(index);
    else if (type == SheetMS)
        return ((MSSheet*)data)->SetActiveSheet(index);
    else
        return false;
}

```

```

// Set active sheet by name
bool OfficeSheet::SetActiveSheet(String name){
    if (!data)
        return false;

```

```

if (type == SheetOPEN)
    return false; //... need to add ((OPENSHEET*)data)->SetActiveSheet(name);
else if (type == SheetMS)
    return ((MSSHEET*)data)->SetActiveSheet(name);
else
    return false;
}

```

```

bool OfficeSheet::SetSheetName(String new_name){
    if (!data)
        return false;
    if (type == SheetOPEN)
        return false; //... need to add ((OPENSHEET*)data)->SetActiveSheet(name);
    else if (type == SheetMS)
        return ((MSSHEET*)data)->SetSheetName(new_name);
    else
        return false;
}
// <<< Ion Lupascu 06.05.2009

```

I do not added this method for Open office. Please check this and add methods for Open calc too.
 Maybe exists memory leak in method:

```

// Set active sheet by name
bool MSSheet::SetActiveSheet(String name){
    if(!Book)
        return false;

    VariantOle name_ole;
    name_ole.BString(name);

    >>HERE if (!(Sheet = Ole::GetObject(Book, "Sheets", name_ole)))
        return false;

    return true;
}

```

I tested this new methods and works fine!

Thank you for changes with MSC8 and gdi32.lib