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# Example of use for wordserver

In this document we show how to insert in a word document tables and figures that are produced by MATLAB. We include a reference to the first plot (Figure 1 on page 1) and the first table (Table 1 on page 2).



Figure my caption voor fig1

|  |  |  |
| --- | --- | --- |
| ***x*** | ***sin(x)*** | ***cos(x)*** |
| 0.000000 | 0.000000 | 1.000000 |
| 0.261799 | 0.258819 | 0.965926 |
| 0.523599 | 0.500000 | 0.866025 |
| 0.785398 | 0.707107 | 0.707107 |
| 1.047198 | 0.866025 | 0.500000 |
| 1.308997 | 0.965926 | 0.258819 |
| 1.570796 | 1.000000 | 0.000000 |
| 1.832596 | 0.965926 | -0.258819 |
| 2.094395 | 0.866025 | -0.500000 |
| 2.356194 | 0.707107 | -0.707107 |
| 2.617994 | 0.500000 | -0.866025 |
| 2.879793 | 0.258819 | -0.965926 |
| 3.141593 | 0.000000 | -1.000000 |

Table function values for sin(x) and cos(x)

We call an angle of **90°** a right angle.

## Application-methods

Methods to be called from Matlab as hw.w.Application.MethodName(xxx) where hw is the variable assigned to the wordserver instance and the first parameter "handle" should be omitted:

Variant International(handle, WdInternationalIndex)

handle SynonymInfo(handle, ustring, Variant(Optional))

handle KeysBoundTo(handle, WdKeyCategory, MATLAB array, Variant(Optional))

handle FindKey(handle, int32, Variant(Optional))

bool IsObjectValid(handle, handle)

void Quit(handle, Variant(Optional))

void ScreenRefresh(handle)

void LookupNameProperties(handle, ustring)

void SubstituteFont(handle, ustring, ustring)

bool Repeat(handle, Variant(Optional))

void DDEExecute(handle, int32, ustring)

int32 DDEInitiate(handle, ustring, ustring)

void DDEPoke(handle, int32, ustring, ustring)

ustring DDERequest(handle, int32, ustring)

void DDETerminate(handle, int32)

void DDETerminateAll(handle)

int32 BuildKeyCode(handle, WdKey, Variant(Optional))

ustring KeyString(handle, int32, Variant(Optional))

void OrganizerCopy(handle, ustring, ustring, ustring, WdOrganizerObject)

void OrganizerDelete(handle, ustring, ustring, WdOrganizerObject)

void OrganizerRename(handle, ustring, ustring, ustring, WdOrganizerObject)

void AddAddress(handle, SafeArray(string), SafeArray(string))

ustring GetAddress(handle, Variant(Optional))

bool CheckGrammar(handle, ustring)

bool CheckSpelling(handle, ustring, Variant(Optional))

void ResetIgnoreAll(handle)

handle GetSpellingSuggestions(handle, ustring, Variant(Optional))

void GoBack(handle)

void Help(handle, Variant)

void AutomaticChange(handle)

void ShowMe(handle)

void HelpTool(handle)

handle NewWindow(handle)

void ListCommands(handle, bool)

void ShowClipboard(handle)

void OnTime(handle, Variant, ustring, Variant(Optional))

void NextLetter(handle)

ustring CleanString(handle, ustring)

void ChangeFileOpenDirectory(handle, ustring)

void GoForward(handle)

void Move(handle, int32, int32)

void Resize(handle, int32, int32)

single InchesToPoints(handle, single)

single CentimetersToPoints(handle, single)

single MillimetersToPoints(handle, single)

single PicasToPoints(handle, single)

single LinesToPoints(handle, single)

single PointsToInches(handle, single)

single PointsToCentimeters(handle, single)

single PointsToMillimeters(handle, single)

single PointsToPicas(handle, single)

single PointsToLines(handle, single)

void Activate(handle)

single PointsToPixels(handle, single, Variant(Optional))

single PixelsToPoints(handle, single, Variant(Optional))

void KeyboardLatin(handle)

void KeyboardBidi(handle)

void ToggleKeyboard(handle)

int32 Keyboard(handle, Variant(Optional))

ustring ProductCode(handle)

handle DefaultWebOptions(handle)

void SetDefaultTheme(handle, ustring, WdDocumentMedium)

ustring GetDefaultTheme(handle, WdDocumentMedium)

Variant Run(handle, ustring, Variant(Optional))

void PrintOut(handle, Variant(Optional))

handle FileDialog(handle, MsoFileDialogType)

void PutFocusInMailHeader(handle)

void LoadMasterList(handle, ustring)

handle CompareDocuments(handle, handle, handle, Variant(Optional))

handle MergeDocuments(handle, handle, handle, Variant(Optional))