# Browser events

Event name Description

*urlHashChange* URL’s hash (#) changes

*contextMenu* context menu is opened with a right click

*clickCheckboxButton* checkbox is clicked

*clickRadioButton* radio button is selected

*navigateTo* user navigates to an url

*link* a link in another page is clicked

*typed* user typed the URL into the address bar

*form submit* form is submitted

*reload* page is reloaded

*clickTextField* text field is clicked

*clickButton* button is clicked

*clickLink* link is clicked

*selectOptions* user picks item from select dropdown menu

*selectText* text is selected on a webpage

*submit* form is submitted

*changeField* text field is edited

*doubleClick* mouse is double clicked on a page

*dragElement* element in a page is dragged

*cancelDialog* a dialog is dismissed

*fullscreen* fullscreen mode is entered

*attachTab* tab is attached to a window

*detachTab* tab is detached to a window

*newBookmark* bookmark is created

*removeBookmark* bookmark is deleted

*modifyBookmark* bookmark is modified

*moveBookmark* bookmark or folder is moved

*startDownload* a download is started

*erasedDownload* a download is erased from history *installBrowserExtension* browser extension is installed *uninstallBrowserExtension* browser extension is removed *enableBrowserExtension* browser extension is enabled *disableBrowserExtension* browser extension is disabled *closedNotification* browser notification is closed *clickedNotification* browser notification is clicked *newWindow* new browser window is opened

*closeWindow* browser window is closed

*newTab* new tab is created

*closeTab* tab is closed

*moveTab* tab is moved in a diﬀerent position

*mutedTab* tab is muted

*unmutedTab* tab is unmuted

*pinnedTab* tab is pinned

*unpinnedTab* tab is unpinned

*audibleTab* tab can reproduce sound

*zoomTab* page is zoomed in or out

*changeHistory* visited URL is saved to history

# Operating system events

Event name Description

*created* new file or folder is created

*modified* file or folder is modified

*deleted* fiile or folder is deleted

*Mount* drive is mounted

*Unmount* drive is unmounted

*moved* file or folder is renamed

*programOpen* a program is opened

*programClose* a program is closed

*selectFile* file is selected in windows explorer

*selectFolder* folder is selected in windows explorer

*hotkey* combination of keys is pressed

*insertUSB* USB drive is inserted

*printSubmitted* print job is sent to the printer

*openFile* a file is opened

*openFolder* a folder is opened

# Clipboard events

Event name Description

*copy* item is copied in the clipboard

*paste* item is pasted from the clipboard

*cut* item is cut to the clipboard

# Microsoft Excel

Event name Description

*openWindow* workbook window is opened

*closeWindow* workbook window is closed

*resizeWindow* workbook window is resized

*newWorkbook* new workbook is created

*openWorkbook* workbook is opened

*addWorksheet* worksheet is added to workbook

*beforeSaveWorkbook* occurs just before the workbook is saved

*saveWorkbook* workbook is saved

*printWorkbook* workbook is printed

*closeWorkbook* workbook is closed

*activateWorkbook* workbook is activated (clicked) *deactivateWorkbook* workbook is not active anymore *modelChangeWorkbook* workbook data model is updated *newChartWorkbook* a new chart is created in an open workbook

*afterCalculate* all of the resultant calculation activities have been completed

*selectWorksheet* sheet in a workbook is selected

*deleteWorksheet* sheet in a workbook is deleted *doubleClickCellWithValue* a cell with value is double clicked *doubleClickEmptyCell* an empty cell is double clicked *rightClickCellWithValue* a cell with value is right clicked *rightClickEmptyCell* an empty cell is right clicked *sheetCalculate* a worksheet is recalculated

*editCellSheet* cells in any worksheet are changed by the user

*deselectWorksheet* worksheet is deselected

*followHiperlinkSheet* a link in a worksheet is clicked *pivotTableValueChangeSheet* range of cells inside a PivotTable are edited *getRange* multiple cells in a worksheet are selected

*getCell* a single cell in a worksheet is selected *worksheetTableUpdated* table on a worksheet is updated *addinInstalledWorkbook* an add-in is installed in the workbook *addinUninstalledWorkbook* an add-in is removed from the workbook *XMLImportWorkbook* XML data is imported into a workbook *XMLExportWorkbook* XML data is exported from a workbook

# Microsoft Word events

Event name Description

*activateWindow* window is activated (clicked) *deactivateWindow* window is deactivated (to foreground) *doubleClickWindow* user double clicks object or text in a document *rightClickWindow* user right clicks object or text in a document *newDocument* new document is created

*openDocument* document is opened *changeDocument* document is edited *saveDocument* document is saved

*printDocument* document is printed

# Microsoft PowerPoint events

Event name Description

*activateWindow* window is activated (clicked)

*deactivateWindow* window is deactivated (to foreground) *rightClickPresentation* right-click a shape, a slide, a notes page, or some text *doubleClickPresentation* double-click a shape, a slide, a notes page, or some text *newPresentation* new presentation is created

*newPresentationSlide* new slide is created in a presentation *closePresentation* presentation is closed *savePresentation* presentation is saved *openPresentation* presentation is opened *printPresentation* presentation is printed *slideshowBegin* slideshow is started

*nextSlideshow* next slide is shown during slideshow *clickNextSlideshow* occurs on the next click of the slide *previousSlideshow* occurs on the previous click of the slide *slideshowEnd* slideshow ends

*SlideSelectionChanged* text in a slide is selected

# Microsoft Outlook events

Event name Description

*startupOutlook* open Outloook

*quitOutlook* quit Outlook

*receiveMail* receive new mail

*sendMail* send a mail

*logonComplete* occurs after the user has logged onto the email server

*newReminder* create a new reminder