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# -*- coding: utf8 -*-
# -----
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# @(#) Version: 2023-07-31
# -----

import rhinoscriptsyntax as rs

# -----
# MultiMove
# -----
def MultiMove(caption, xOffset, yOffset):
    intCounter= 0

    strCaption= "Nach " + caption + " verschieben: "
    strCaption= strCaption + "Kurven(züge) auswählen"

    intTypes= 1 + 4
    withGroups= True
    withPreselect= False
    arrObjects = rs.GetObjects(strCaption, intTypes, withGroups, withPreselect)

    if (not arrObjects):
        return False

    rs.MoveObjects(arrObjects, [xOffset, yOffset, 0])

    return True

# -----
# MoveNEWS
# -----
def MoveNEWS():
    # Länge
    offset= rs.GetReal("Wert eingeben ", 0.8, 0.01, 999.99)

    if (offset is None):
        return

    # Move to North
    if (not MultiMove("Norden", 0, +1 * offset)):
        return

    # Move to East
    if (not MultiMove("Osten", +1 * offset, 0)):
        return

    # Move to West
    if (not MultiMove("Westen", -1 * offset, 0)):
        return

    # Move to South
    MultiMove("Süden", 0, -1 * offset)

# -----
# main
# -----
if __name__ == "__main__":
    MoveNEWS()

```