



GENESIS64

EarthWorX64 Commanding



APPLICATION NOTE

September 2013

Description: Guide to using Commands for the EarthWorX64 Viewer.

OS Requirement: Vista x64/ Windows 7 x64/ Windows 8 x64/ Windows Server 2008 x64/ Windows Server 2008 R2 x64/ Windows Server 2012

General Requirement: Familiarity with the EarthWorX64 Viewer and Commanding in general.

Introduction

Before the introduction of Commanding it used to require scripting to interact with controls like the EarthWorX64 Viewer. Commanding provides a simpler, more intuitive, and easier to maintain way to send these commands to controls.

This document will go over the commands that can be sent to an EarthWorX control. More information about Commanding in general or with respect to other controls can be found in other application notes or in the help files.

If you are unfamiliar with any aspects of Commanding, please refer to the application note entitled, "GENESIS64 – Commanding Introduction" to get started.

Go To Location

The EarthWorX64 Viewer control can only receive one command: Go To Location. With this command you can specify the geographical coordinates for the center of the EarthWorX64 Viewer and the level to zoom to.

Latitude and **Longitude** are the coordinates you'd like to zoom to, in decimal format.

Unit defines the type of zoom you will perform. When applicable, **Zoom** sets the level or percentage to zoom.

- **Unit: None** – The zoom level will not change. The **Zoom** parameter is ignored.
- **Unit: Percentage** – Set the zoom percentage.
- **Unit: Scale** – Set the zoom scale. (Zoom 200 percentage is the same as zoom 2 scale. Zoom 50 percentage is the same as zoom 0.5 scale.)
- **Unit: Level** – Uses the predefined zoom levels, from 1 (the entire world) to 16 (street level).

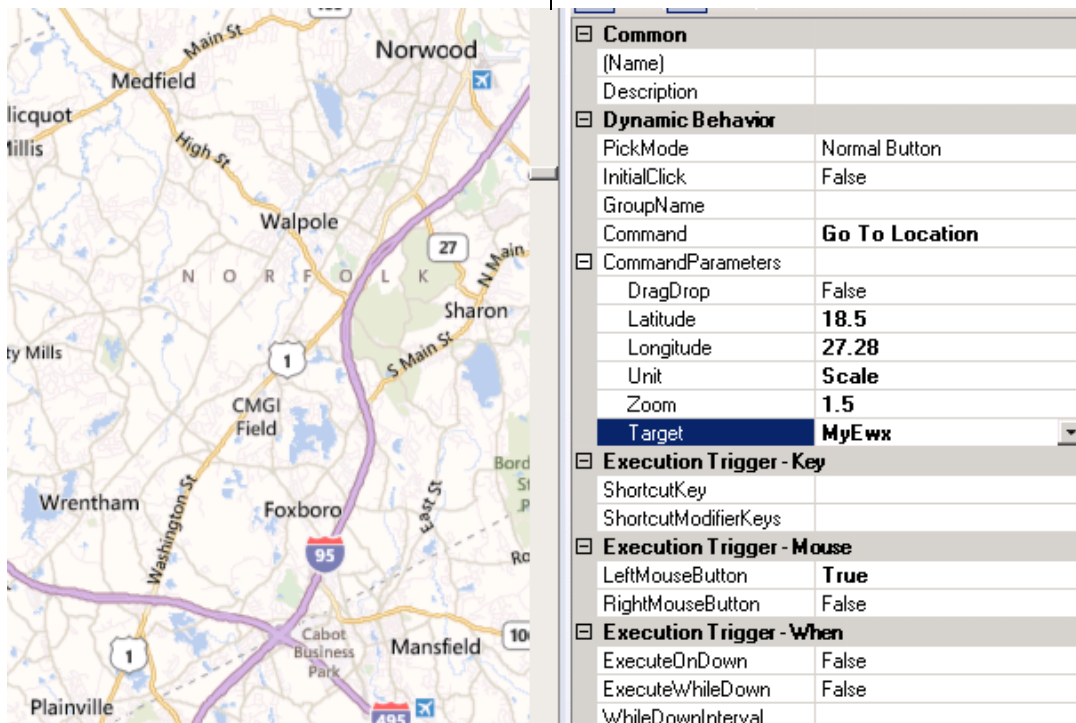


Figure 1 - Go To Location Command