



Wind rose

Sample python package/script

Brief overview of Python windrose plot sample script

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Overview

What does this script do?

This Python script draws a wind rose diagram showing wind speed and direction for the weather file used in an Apache simulation.

Running the script

The script can be started from the VE Python Scripts navigator, or from the integrated editor by running `windrose.py` from the installation `Scripts\tools` folder.

The script prompts the user to select a simulation result file.

From this file, the script determines the weather file used for simulation. The weather file is read (if available) for wind speed and direction data.

A chart is created showing the weather file data. The chart is added to the Content Manager and also shown on screen.

When the chart is closed, the script finishes executing.