

## Hints for upgrading WEng2 scripts to WEng3 scripts

- Change the script file extension to `*.wes3`
- Update the script attributes to appropriate values like  
`MinimumApplicationVersion="03.00.0015" CurrentApplicationVersion="03.00.0015"`
- You no longer need to create an instance of Rvea0081 to get a reference to the WengProjectClass object. It is now always available in the scripting context via a variable called ProjectClass. Change statements like  
`Set TheProjectClass = CreateObject("Rvea0081.Rvea0081Classes").WengProjectClass`  
to  
`Set TheProjectClass = ProjectClass`
- Similarly there is now a variable called TypeCaster, which is always available in the scripting context. Remove the line:  
`Set Caster = CreateObject("Rvea0081.ScriptingTypeCaster")`  
and replace all instances of `Caster` with  
`TypeCaster`
- Wind group member type casting is different. Change statements like  
`Set Wind = Caster.CastWindGroupMemberToWind(WindGroupIterator.FirstMember)`  
to  
`Set Wind = TypeCaster.CastWindToReducedGeostrophicWind(WindGroupIterator.FirstMember)`
- The point results for a wind are now accessed via a Results property on the wind. Change statements like  
`VelocityTilt = Wind.PointResult(VelocityTiltDataSelection, Site, WorkingHeight)`  
to  
`VelocityTilt = Wind.Results.PointResult(VelocityTiltDataSelection, Site, WorkingHeight)`  
Likewise, change statements like  
`Set Turbulence = Wind.Turbulence(Site, Height, SpectrumType)`  
to  
`Set Turbulence = Wind.Results.Turbulence(Site, Height, SpectrumType)`
- The WEng3 extreme-wind climate is no longer a group of winds for each sector, which you process one by one in a script. A script processing winds from 'all directions' would therefore have to create new winds and process these, as in the FlowAnglesTextReport.wes3 script.