An important group of risk analysis problems are "time-based". Examples of such are project plans with uncertain activity durations, systems of components with uncertain lifetimes, job scheduling problems, queuing problems, etc.

When dealing with such problems, it is often convenient to relate the measurements of time to some sort of calendar. DynRisk lets you do this by allowing nodes in a model to be interpreted as "dates". By doing so it becomes much easier to combine DynRisk with standard software for e.g., scheduling.

In most situations you will find DynRisk's approach to date handling pretty straight-forward. However, in order to ensure compatibility with other software tools, there are certain special rules you should be aware of and understand.