

This folder contains the files accompanying Chapter 13 of Righting Software.

The files correspond to the TradeMe iterations described in the chapter. The files demonstrate how to produce the numbers the iterations refer to. In addition there are analysis files of the various numbers produced by the iterations.

The iteration files are numbered and are mostly pairs or a set of Excel and Microsoft Project, each pair or set has the same number.

The Project file for each iteration is used to model the network, schedule the start and completion date for each activity, and to calculate the floats. The Excel file is used to calculate the duration, cost, cost elements, efficiency, and average staffing of each solution. The order of the iterations is the same as the progression in the chapter.

The iteration files are:

1. **Trade Me - Activities Only.mpp** – Page 341, this is only a single Project file, modeling the network to find the initial duration.
2. **Trade Me - By-Dependencies** – Page 344-346, a Project file and Excel file, designing the project by logical dependencies.
3. **Trade Me - Compressed** – Page 346-350, a Project file and Excel file, introducing *Managers* simulators to move the *Clients* earlier in the project.
4. **Trade Me – By Layers** – Page 350-352, a Project file and Excel file, designing the project by logical layers. This will become the normal solution.
5. **Trade Me – By Layers Subcritical** – Page 353-354, a Project file and Excel file, designing the project by logical layers but with subcritical resources.
6. **Trade Me – By Layers Decompressed** – Page 355-356, these are five Microsoft Project files (D1, D2, D3, D4, D5) used to calculate the floats for the risk decompression points.
7. **Trade Me – By Layers Subcritical Decompressed** – Page 360, a single Microsoft Project file used to calculate the floats for the risk decompression point (D1) of the subcritical solution.

The two analysis files are both Excel files:

- **Trade Me Project Time Cost.xlsx** – As a bonus, while not mention in the chapter, this file calculates and plots the time cost curve of the original solutions (before considering risk), the mathematical correlation models, throughput analysis, and efficiency analysis. Comparing the subcritical solution to the broadband on page 354 uses the numbers from this file.
- **Trade Me System Risk Analysis.xlsx** – Page 356-359, used to calculate the risk for all the relevant solutions, to build and plot the time risk curve, the mathematical correlation models, time direct cost and risk curves, and the risk cross-over points.