

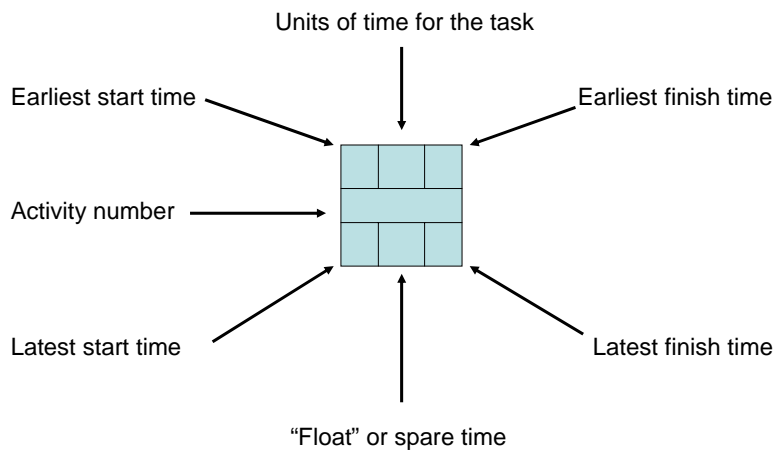
Project Logic Diagrams

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Project Logic Diagrams



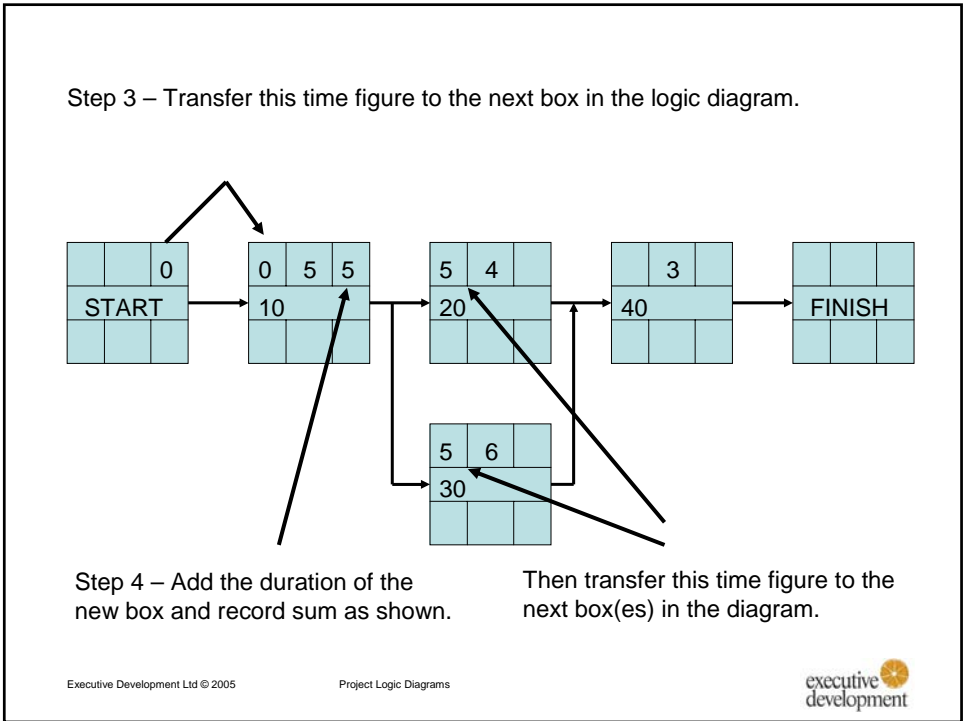
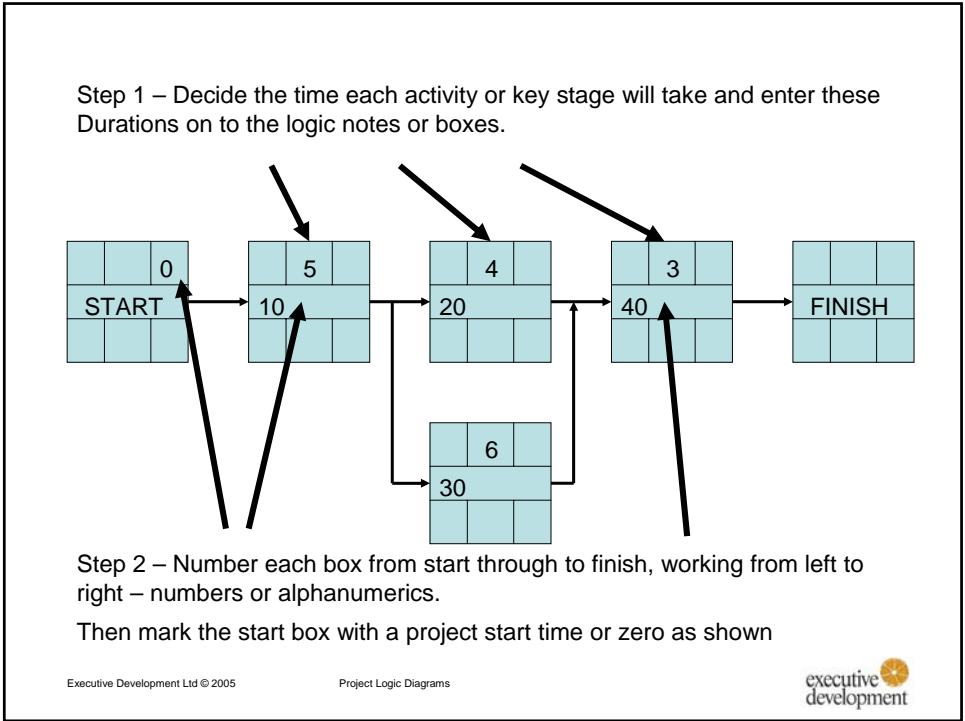
One method of planning projects and identifying the critical path is to use "logic boxes" and project logic diagrams.



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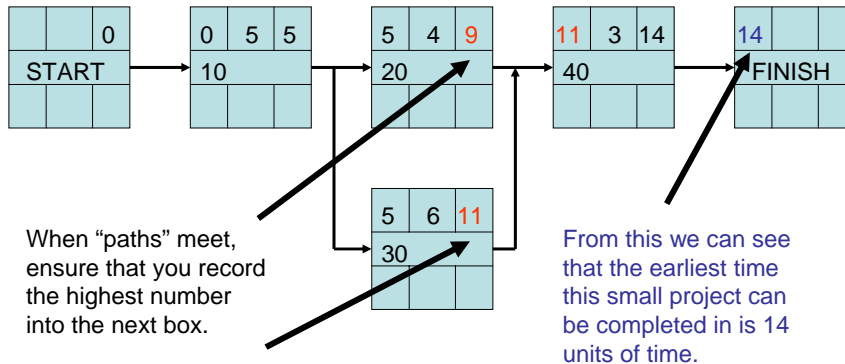
Project Logic Diagrams





Step 5 – Repeat step 4, working through the logic diagram from left to right.

The completed forward pass analysis now looks like this:

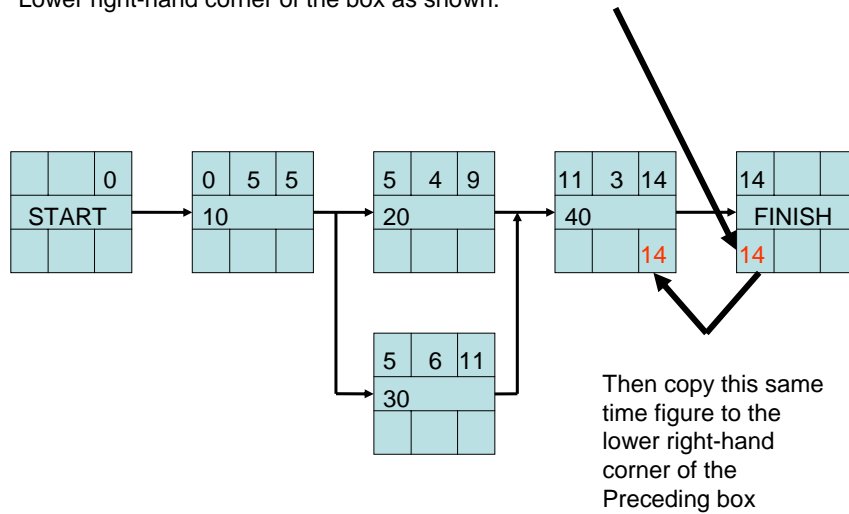


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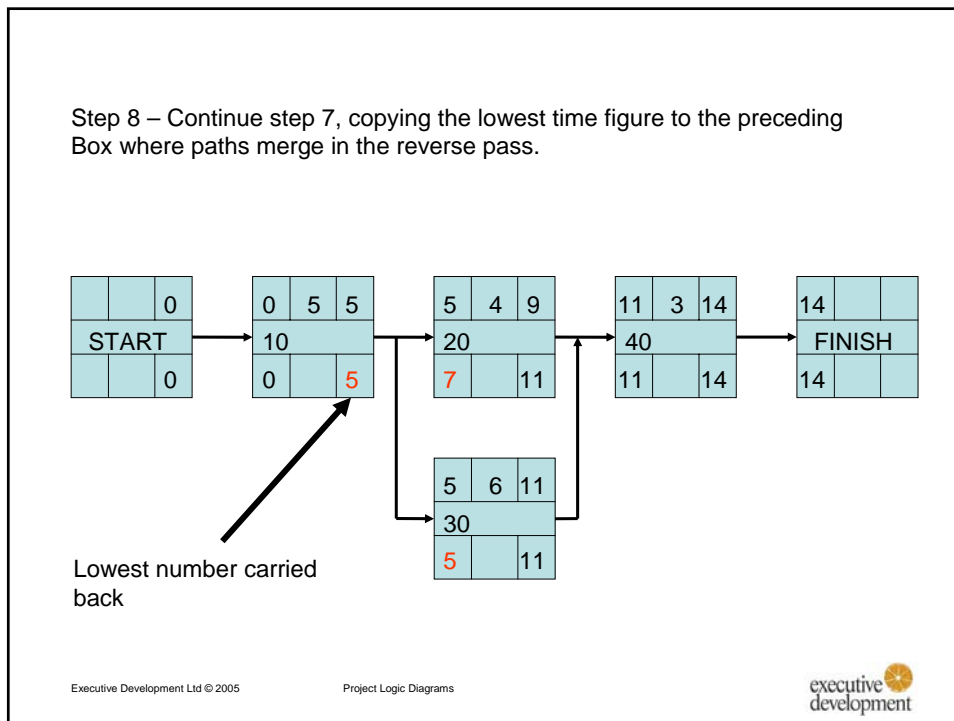
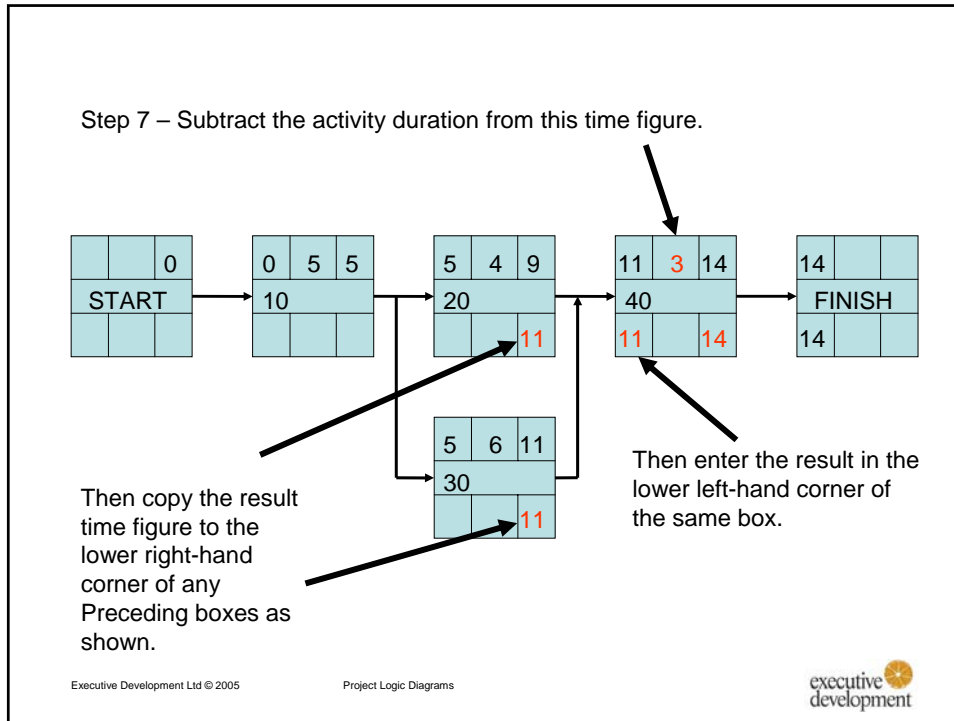
Step 6 – The whole process is now reversed. Transfer the finish time to the Lower right-hand corner of the box as shown.



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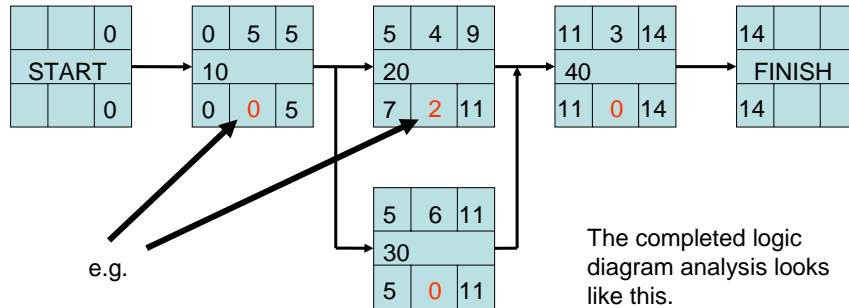
Project Logic Diagrams



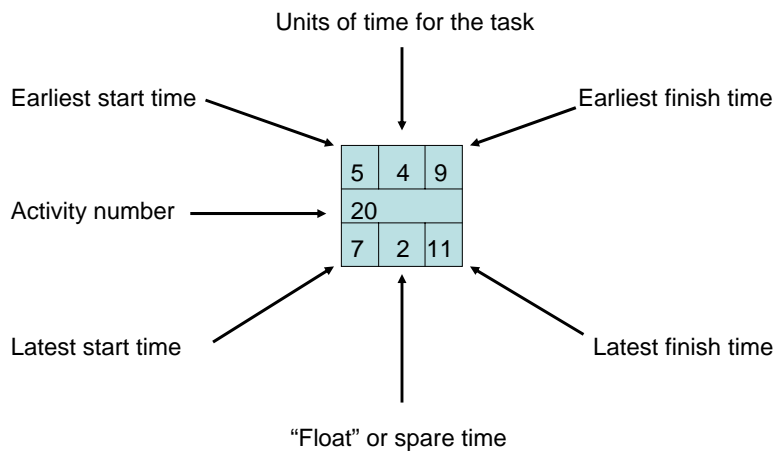


Step 9 – Calculate the “float” or spare time for each task.

Look at each box and record the difference between the figures in the upper and lower left-hand corners and the figures in the upper and lower right-hand corners, using the lower middle part of the box.



Each box now contains information about each activity or key stage of the Project.



Step 10 – The Critical Path.

The activities that have zero float time form the critical path through the Project.

