

# Re: Just in Time levelling

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- *From:* "John Sitka" <[johnsitka@xxxxxxxxxxxxxxxxxxxx](mailto:johnsitka@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 5 Apr 2006 15:27:26 -0400
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davegb tells us they exist,  
Google tells us they exist,  
the software vendors tell us they exist.  
Guess what, they don't exist.

"davegb" <[davegb@xxxxxxxxxxxxxxxx](mailto:davegb@xxxxxxxxxxxxxxxx)> wrote in message  
<news:1144247012.613574.105690@xx>

stoods wrote:

Thanks,

I do appreciate the replies.

Yes, we do need to do this.

The situation is a woodworking factory. The processes are typically cut the board, edge the board, drill the board, paint the board and then put it together. The bottleneck is in assembly, and teh saw can produce more parts than can be assembled. So, if all the sawing happens as soon as possible, you have to find somewhere to put all the parts that have been cut while they are waiting to be assembled. So, it does make sense to do this. Also, it is acceptable that all tasks become on teh critical path, that is the trade off needed in this style of application.

I guess also on another level, you would also need to purchase all the raw materials well in advance of needing them, cuasing more storage issues, as well as incurring costs needlessly.

"Jan De Messemaeker" wrote:

Hi,

Project is very poor at that. As you may see, many claim it is not necessary (whereas it is a generally accepted practice in production environments);

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maybe that is why the requests to develop it aren't honored.

Let's be positive: if you can fix the date at the end of the chain you can use As Late As Possible constraints; if not you'll be condemned to make manual adjustments, sorry:-(

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Jan De Messemaeker, Microsoft Project Most Valuable Professional

<http://users.online.be/prom-ade/>

For FAQs: <http://www.mvps.org/project/faqs.htm>

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[news:8CEAF96B-3907-4491-9BEB-E62E5C10406A@xxxxxxxxxxxxxxxxxxxx](mailto:news:8CEAF96B-3907-4491-9BEB-E62E5C10406A@xxxxxxxxxxxxxxxxxxxx)

Hi,

Project is doing a great job of levelling the resources, but I cannot

figure

out how to get project to just in time various tasks. It is currently

moving

tasks with a start as soon as possible, but it I want to delay these tasks until they are closer to the last task in a group of tasks. I.e, task 1 is followed by task2 which is followed on by task 4 and so on. How can I

level

so that the start of task 1 minimises time between task 1 and task 4?

Thanks,

Mike

You might consider looking at Production Scheduling software for your situation. Project is primarily designed to do CP scheduling, something you're not really doing. I would think, having no direct experience

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with it, that production scheduling software would allow for JIT processes, which Project doesn't do well. I Googled for production scheduling software a week or so ago, and got lots of hits. I imagine one of those products would serve you better. Hope this helps in your world.