

LYNX SCHEDULING

Resource Contention and Critical Chain

A-dato

High Performance Delivered

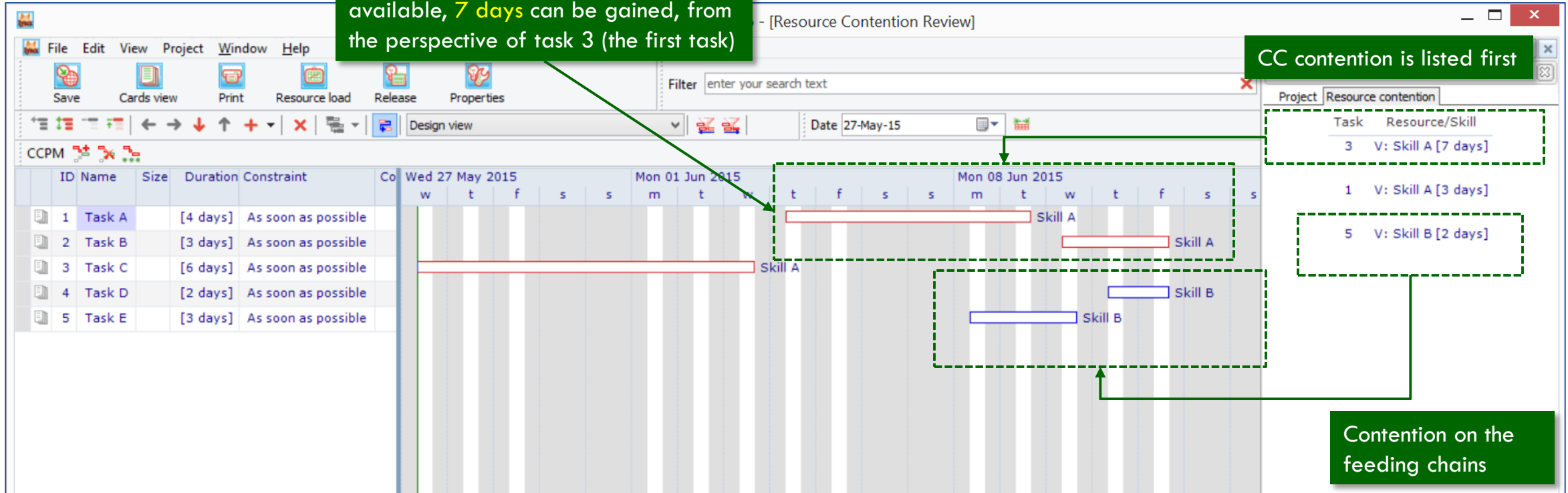
Resource Contention Example

Availability of 1 FTE for Skill A and Skill B

2

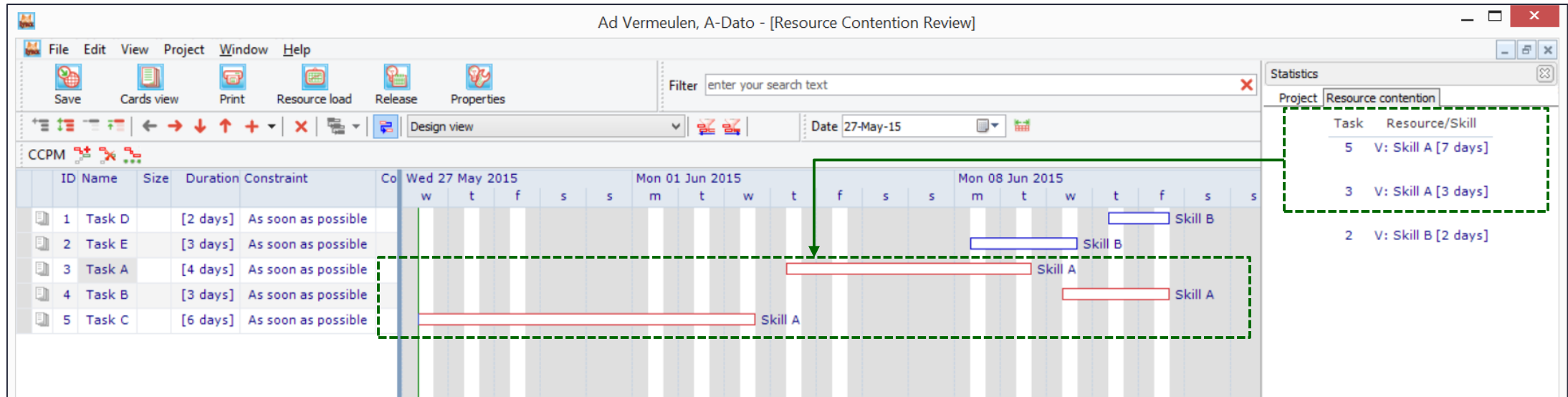
If 2 more Skill A resources would be available, 7 days can be gained, from the perspective of task 3 (the first task)

CC contention is listed first



Resource Contention on the CC is listed first

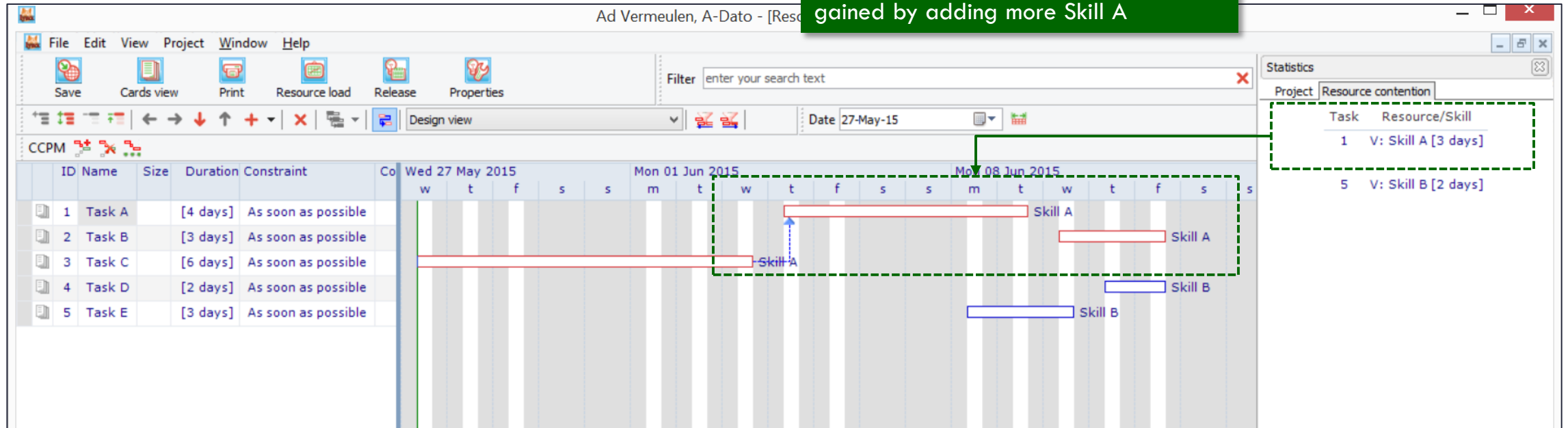
3



Resource Contention

4

In this case "only" 3 days can be gained by adding more Skill A



Only Resource Contention on Feeding Chain

Ad Vermeulen, A-Dato - [Resource Contention Review]

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Filter enter your search text

Design view Date 27-May-15

ID	Name	Size	Duration	Constraint	Col	Start	End	Resource
1	Task A	[4 days]	As soon as possible			Wed 27 May 2015	Mon 01 Jun 2015	Skill A
2	Task B	[3 days]	As soon as possible			Mon 01 Jun 2015	Thu 04 Jun 2015	Skill A
3	Task C	[6 days]	As soon as possible			Wed 27 May 2015	Mon 01 Jun 2015	Skill A
4	Task D	[2 days]	As soon as possible			Thu 04 Jun 2015	Fri 05 Jun 2015	Skill B
5	Task E	[3 days]	As soon as possible			Wed 27 May 2015	Fri 05 Jun 2015	Skill B

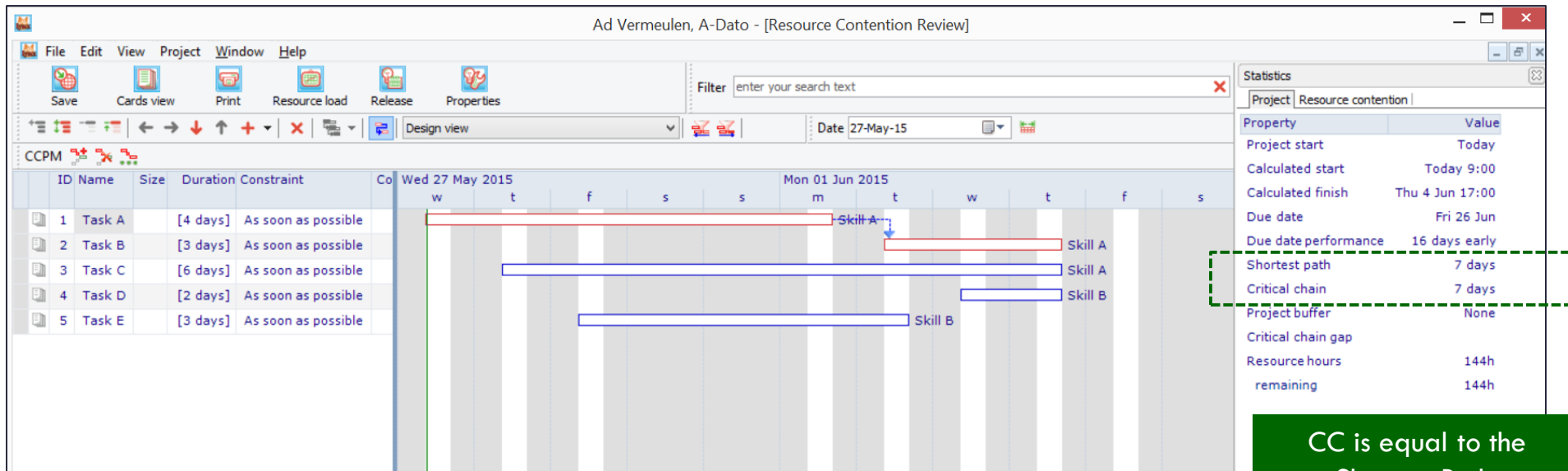
Statistics

Project	Resource contention
Task	Resource/Skill
5	V: Skill B [2 days]

In this case there is only resource contention on the feeding chain.

If CC equals the shortest path the plan is as fast as possible (unless dependencies can be eliminated)

6



CC is equal to the Shortest Path.