*malloc()*Worked Example

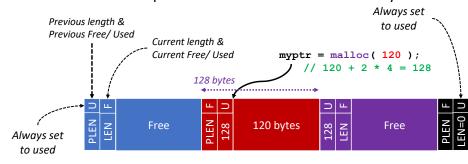
Dr Andrew Scott

a.scott@lancaster.ac.uk

1

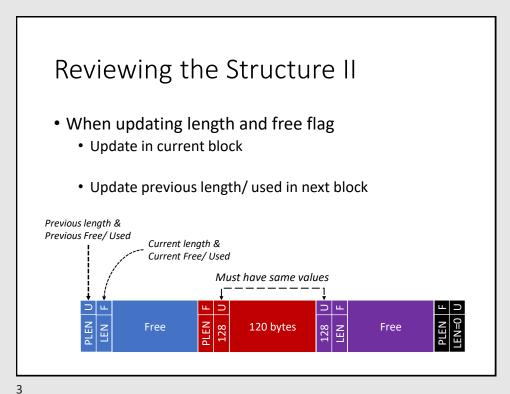
Reviewing the Structure I

- Maintain metadata for coalescing
- 'Bookend' structure with used flags
 - Don't need special case checks for end of memory

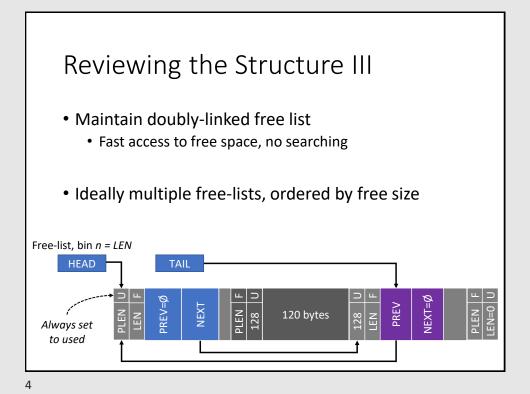


2

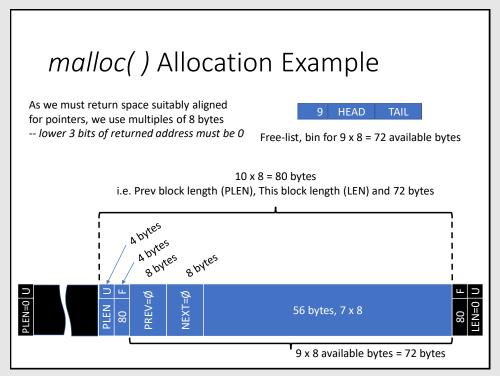
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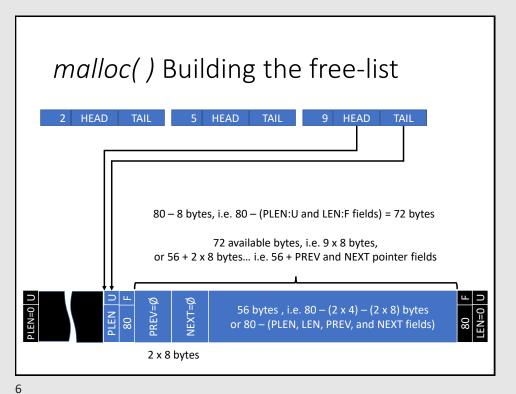


J

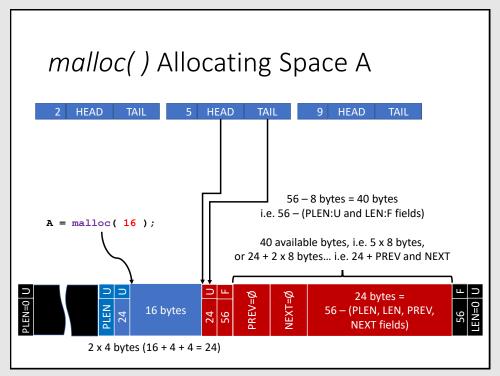


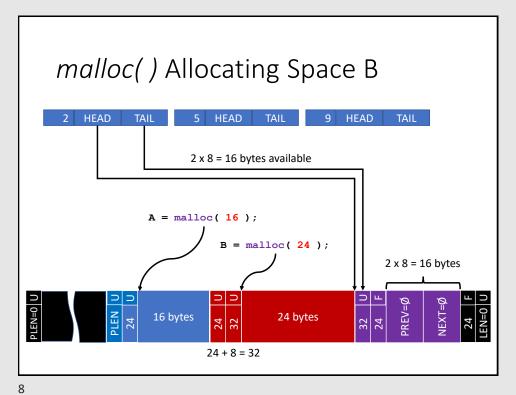
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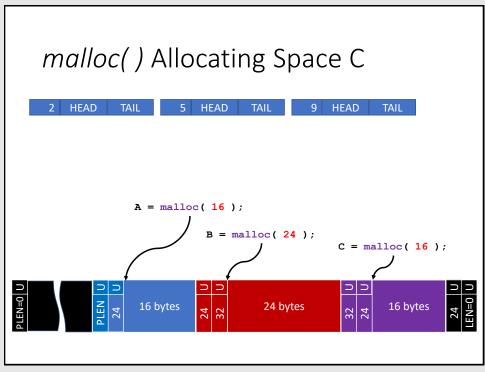


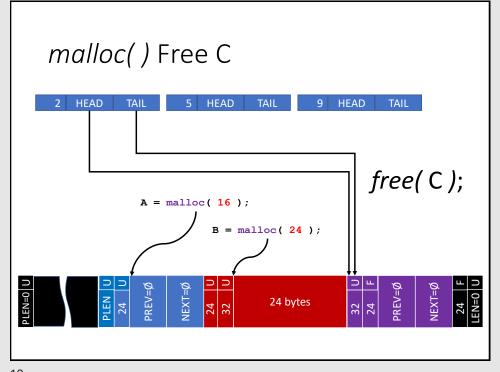
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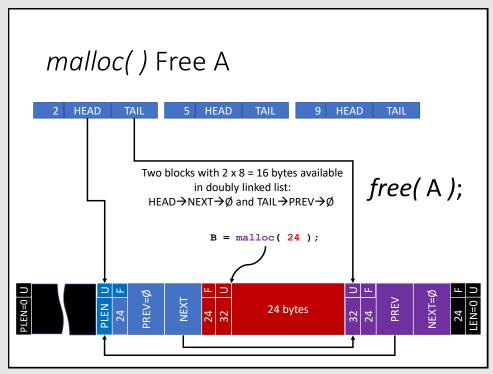
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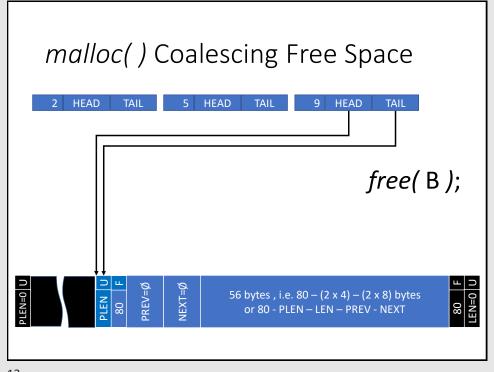




10

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12

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