

Techniques for Optimization

3. Reducing algorithmic complexity

• Identify hotspots from profiles

• Review algorithms to reduce complexity

• Big O notation

• $O(1)$, $O(\log n)$, $O(n)$, $O(n^2)$ etc.

• Ensure your algorithms the same way

• Including contracts!

• Testing saves you!

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 - Including contracts!
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Example:
`Edit :: createNewItemID`