

Dynamic Resizing Grows Array to Fit Demand	
One solution to this dilemma is called dynamic resizing : • Start with 10 players. • If we need > 10, change to 20 . • If we need > 20, change to 40 . • And so forth.	
Each time we grow the array • existing players must be copied • to the new array.	
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• how expensive	: is the copying?
We can bound it: • if we have N pla • the last copy co • and the previou • and the one be	yers in the array, opied at most N players,* is copy copied at most N/2, fore that, at most N/4.
*Technically (N – 1), but	we're finding an upper bound anyway.