

- A.** $\text{ADDR}(s) = \text{ADDR}(\text{.text}) = 0x4004e0$
 $\text{ADDR}(r.\text{symbol}) = \text{ADDR}(\text{swap}) = 0x4004f8$
 $\text{refaddr} = \text{ADDR}(s) + r.\text{offset} = 0x4004e0 + 0xa = 0x4004ea$
 $\text{refptr} = (\text{unsigned}) (\text{ADDR}(r.\text{symbol}) + r.\text{addend} - \text{refaddr}) = 0xa$
- B.** $\text{ADDR}(s) = \text{ADDR}(\text{.text}) = 0x4004d0$
 $\text{ADDR}(r.\text{symbol}) = \text{ADDR}(\text{swap}) = 0x400500$
 $\text{refaddr} = \text{ADDR}(s) + r.\text{offset} = 0x4004d0 + 0xa = 0x4004da$
 $\text{refptr} = (\text{unsigned}) (\text{ADDR}(r.\text{symbol}) + r.\text{addend} - \text{refaddr}) = 0x22$