Most importantly, the set S can be reconstructed to exhibit its order.

For example, given $(S, <)$ and $s \in S$ let

$$\mathcal{L}_s = \{ a \in S : a < s \}$$

Then let $\mathcal{S} = \{ \mathcal{L}_s : s \in S \}$.

$(\mathcal{S}, \subset)$ represents $(S, <)$

Can you Find another?