

## **decidable\\_valid-sys<sup>11,40</sup>**

$\forall es:\text{ES}, \text{Config}:\text{AbsInterface}(\text{chain\_config}()), \text{Cmd}:\text{Type}, \text{Sys}:\text{AbsInterface}(\text{chain\_sys}(\text{Cmd}))$ ,  
 $e:\text{E}$ .  
Dec(( $\uparrow(e \in_b \text{Sys})$ ) c  $\wedge$  valid-sys(es; Config; Sys; e))