

## **decidable\_\_ecl-es-act**<sup>0,22</sup>

$\forall ds:x:\text{Id } \text{fp} \rightarrow \text{Type}, da:k:\text{Knd } \text{fp} \rightarrow \text{Type}, x:\text{ecl}(ds;da), es:\text{ES}, i:\text{Id}.$   
 $(\forall x:\text{Id}. \text{vartype}(i;x) \subseteq \rho \text{ } ds(x)?\text{Top})$   
 $\Rightarrow (\forall e:\text{E}. \text{loc}(e) = i \Rightarrow \text{valtype}(e) \subseteq \rho \text{ } \text{Valtype}(da;\text{kind}(e)))$   
 $\Rightarrow (\forall n:\mathbb{N}, e_1, e_2:\{e:\text{E} \mid \text{loc}(e) = i \}. \text{Dec}(\text{ecl-es-act}(es;n;x)(e_1,e_2)))$