member_eventlist[11,40]

$\forall E$:Type, *pred*?:($E \rightarrow (?E)$).
SWellFounded($(\neg(\uparrow\text{first}(y)))$ c$\wedge$ $(x = \text{pred}(y) \in E)$)
$\Rightarrow$ $(\forall e, e' : E.$
$(e' \in \text{eventlist}(\textit{pred}?;\ e))$
$\iff (e'\ \text{rel_star}(E;\ (\lambda x, y.\ (\neg(\uparrow\text{first}(y)))\ \text{c}\wedge\ (x = \text{pred}(y) \in E)))\ e))$

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http://www.nuprl.org/FDLcontent/p0_963683_/p68_222400_{member_eventlist}.html