es-local-prior-state[11,40]

prior-state(f;*base*;X;e)
$\equiv_{\text{def}}$ if $e \in_b$ prior(X)
then f(prior-state(f;*base*;X;prior(X)(e)),X(prior(X)(e)))
else *base*
fi

clarification:

es-local-prior-state{i:l}
(es; f; *base*; X; e)
$\equiv_{\text{def}}$ if $e \in_b$ es-prior-interface{i:l}(es; X)
then f
(es-local-prior-state{i:l}
(es; f; *base*; X; es-prior-interface{i:l}(es; X)(e))
,X(es-prior-interface{i:l}
(es; X)(e)))
else *base*
fi
(recursive)

---

http://www.nuprl.org/FDLcontent/p0_963683_/p0_809788_{es-local-prior-state}.html