

chain_config_object_directory^{11,40}

ABS: chain_config() **chain_config**

STM: chain_config_wf

ABS: cthead() **cthead**

STM: cthead_wf

ABS: cctail() **cctail**

STM: cctail_wf

ABS: ccpred(*id*) **ccpred**

STM: ccpred_wf

ABS: ccsucc(*id;num*) **ccsucc**

STM: ccsucc_wf

ABS: chain_config_ind(*x;head;tail;id.pred(id);id,num.succ(id;num)*) **chain_config_ind**

STM: chain_config_ind_wf

STM: chain_config-induction

ABS: chain_config_ind_cthead{chain_config_ind_cthead_compseq_tag_def:ObjectId}
(*v₁₁,v₁₂.succ(v₁₁;v₁₂); v₂₁.pred(v₂₁); tail; head*)

chain_config_ind_cthead_compseq_tag_def

ABS: chain_config_ind_cctail{chain_config_ind_cctail_compseq_tag_def:ObjectId}
(*v₁₁,v₁₂.succ(v₁₁;v₁₂); v₂₁.pred(v₂₁); tail; head*)

chain_config_ind_cctail_compseq_tag_def

ABS: chain_config_ind_ccpred{chain_config_ind_ccpred_compseq_tag_def:ObjectId}
(*v₁₁,v₁₂.succ(v₁₁;v₁₂); v₂₁.pred(v₂₁); tail; head; id*)

chain_config_ind_ccpred_compseq_tag_def

ABS: chain_config_ind_ccsucc{chain_config_ind_ccsucc_compseq_tag_def:ObjectId}
(*v₁₁,v₁₂.succ(v₁₁;v₁₂); v₂₁.pred(v₂₁); tail; head; num; id*)

chain_config_ind_ccsucc_compseq_tag_def

ABS: $chead?(x)$ **chead?**

STM: $chead?_{wf}$

ABS: $cctail?(x)$ **cctail?**

STM: $cctail?_{wf}$

ABS: $ccpred?(x)$ **ccpred?**

STM: $ccpred?_{wf}$

ABS: $ccpred-id(x)$ **ccpred-id**

STM: $ccpred-id_{wf}$

ABS: $ccsucc?(x)$ **ccsucc?**

STM: $ccsucc?_{wf}$

ABS: $ccsucc-id(x)$ **ccsucc-id**

STM: $ccsucc-id_{wf}$

ABS: $ccsucc-num(x)$ **ccsucc-num**

STM: $ccsucc-num_{wf}$