

l20_dtconstr (TMQVvTwemt- FqRdU7FrXVbsm2u51UipTSrFg)

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Let $c2_dtconstr : \iota$ be given. Let $k1_lang1 : \iota \Rightarrow \iota$ be given. Let $k5_dtconstr : \iota$ be given. Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_finseq_1 : \iota \Rightarrow o$ be given. Let $r1_lang1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. ((v1_relat_1 X0) \wedge ((v1_funct_1 X0) \wedge (v1_finseq_1 X0))) \Rightarrow (\neg r1_lang1 k5_dtconstr c2_dtconstr X0) \quad (1)$$

Assume the following.

$$k1_lang1 k5_dtconstr = ReplSep (toset (\lambda X0 : \iota. m1_subset_1 X0 (u1_struct_0 k5_dtconstr))) (\lambda X0 : \iota. \forall X1. ((v1_relat_1 X1) \wedge ((v1_funct_1 X1) \wedge (v1_finseq_1 X1))) \Rightarrow (\neg r1_lang1 k5_dtconstr X0 X1)) (\lambda X0 : \iota. X0) \quad (2)$$

Assume the following.

$$m1_subset_1 c2_dtconstr (u1_struct_0 k5_dtconstr) \quad (3)$$

Theorem 1 $c2_dtconstr \in k1_lang1 k5_dtconstr$.