4.2 Definition module

Central data structure, stores properties of program entities e. g. type of a variable, element type of an array type

A program entity is identified by the key of its entry in the data structure.

Operations:

Variables:

	NewKey ()	yields a new key
	ResetP (k, v)	sets the property P to have the value v for key k
	SetP (k, v, d)	as ResetP; but the property is set to d if it has been set befor
	GetP (k, d)	yields the value of the Property P for the key k; yields the default-Wert d, if P has not been set
Operations are called as dependent computations in the tree		
m	plementation:	a property list for every key, for example

Generation of the definition module: From specifications of the form

Property name : property type; ElementNumber: int;

functions ResetElementNumber, SetElementNumber, GetElementNumber are generated.



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