	atomic	compound				
		not a dict			dict (CoFu is the dict functor written C'dict')	
		arity 0	arity 1	arity 2 (and higher)	arity 1	arity 1+2*N
example	foo	foo()	foo(1)	foo(1,2)	foo{}	foo{x:1}
atomic/1	true	false	false	false	false	false
compound/1	false	true	true	true	true	true
is_dict/1	false	false	false	false	true	true
compound_name_arity/3 (Compound,Name,Arity)	"ERROR: Type error" on analysis: compound_name_arity(foo,N,A).	compound_name_arity(foo(),foo,0).	compound_name_arity(foo(x),foo,1).	compound_name_arity(foo(x,y),foo,2).	compound_name_arity(foo{},CoFu,1).	compound_name_arity(foo{x:1},CoFu,3).
compound_name_arguments/3 (Compound,Name,Args)	"ERROR: Type error" on analysis: compound_name_arguments(foo,N,Args).	compound_name_arguments(foo(),foo,[]).	compound_name_arguments(foo(x),foo,[x]).	compound_name_arguments(foo(x,y),foo,[x,y]).	compound_name_arguments(foo{},CoFu,[foo]).	compound_name_arity(foo{x:1},CoFu,[foo,1,x]). no guarantees on ordering key, values reversed
functor/3 (Term,Name,Arity)	functor(foo,foo,0).	"ERROR: Domain error" on analysis: functor(foo(),N,A).	functor(foo(x),foo,1).	functor(foo(x,y),foo,2).	functor(foo{},CoFu,1).	functor(foo{x:1},CoFu,3).
=../2 (univ)	foo =.. [foo]	"ERROR: Domain error" on analysis: foo() =.. L.	foo(x) =.. [foo,x]	foo(x,y) =.. [foo,x,y]	foo{} =.. [CoFu, foo].	foo{x:1} =.. [CoFu,foo,1,x]. no guarantees on ordering key, values reversed
dict_pairs/3 (Dict,Tag,Pairs)	"ERROR: Type error" on analysis: dict_pairs(foo,T,Pairs).	"ERROR: Type error" on analysis: dict_pairs(foo(),N,Pairs).	"ERROR: Type error" on analysis: dict_pairs(foo(x),N,Pairs).	"ERROR: Type error" on analysis: dict_pairs(foo(x,y),N,Pairs).	dict_pairs(foo{},foo,[]).	dict_pairs(foo{x:1},foo,[x-1]).