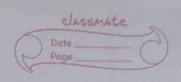


Set 3-The full signature of the set method is void um config-db # (type T= int) :: set (wm component cutxt, string inst-hame, string field name, T value); I is the type of the resource, or element, being added - usually a virtual interface or a configuration objects and statetade unitomolities a moule no contact and Inst-name together from a scope that is used to locate the resource within the database, It is formed by appending the instance name to the full hierarchical name of the context be the Ecntx+ get-full name()," inst name} field hame is the name given to the resource value is the actual value of reference that is dolder put anto the databases he a close a num object, a build-in frine like Example: Putting virtual interfaces into the vury configuration. interface abbif data-port_if (clk, reset); interface and if control port if (clk, reset); um_config_db# (until abb_if) :: set (null, "un test top") "clata port", clata-port-if); um_config_db # (virtual abb_if): set (hull, "num text top", "control port", control port if);



glau env extends sum-env; abb-agent contig mabbagent contig;

function void build-phase (num-phase phase);

m_abb_agent = abb_agent :: type_id :: create ("m_abb_agent", this);

yent*", "ahb agent config", m ahb agent config);

are set prilinging by barrent of

seriend function the

endelace small small

This code sets the configuration for the AHB agent and all its child components. Two things to note:

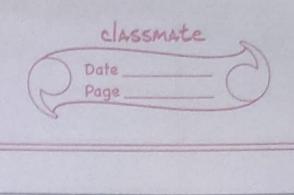
- Use "this" of the first argument to ensure that only this agent's configuration is set, and not of any other abbagent in the component therarchy.
- Use "m and agent" to ensure that both the agent and its children are in the look-up scope without the "x" only the; agent itself would be, and its driver, sequence and monitor sub-components would be unable to access the configuration.

flowing godg men) gently blind thou nothing

(Little of the day of the gitter own!) II

"(pt) of "pitros troop do

	Page
=	
	get method? - was more thanks was well.
	The full signature of the get method
34	bit um_config_ab #(type T = int) :: get (um_
_	component cotxt, string inst name, string field name,
Ado an	ref T value);
1/200	The sight with the date tropp do on .
	T is the type of the resource, or element, being
- Ada m	retrieved - usually a virtual interface or a
	contiguration to object. do to de cituos mun
	Control and I have "officer from Jan", "*from.
	contact and instrume together from a scope that is
·	it is formed by soon !!
	it is formed by appending the instance have to the
llo la	full hierarchical name of the context, i.e.
	Ecntxt, get fill hame(),", Inst hame}
•	field name is the name along the
Didt.	field name is the name gluen to the resource.
4.10	is retrieved a control value or reference that
	is retrieved from the database, the get a call return
	that no regarded all the
31 h	that no resource of this type and with this
alt ylas	Control of the state of the sta
	Date Control of the second of
Example:	extends tun manitary
	abbagent config m-cfg;
	function void build-phase (num-phase phase);
	1+ (! I wm config db # (abb agent config) i get (this,
	" " , " ohb-agent-config", m-cfg))



19,500

begin

"uvm_error ("cantig Error", "uvm_contig_db #(ahbagent_contig):: get cannot find resource ahbagent

_cantig")

end

to speed of

endfunction

endelay