CHANGES LOG   (16 matches)

Milestone: 1.0   (1 match)

Ticket	Summary	Owner	Priority	Component	Reporter
#107	Cheddar-1.0 (01/05/01)		Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	Project kick off (F. Singhoff)

Milestone: 1.1   (2 matches)

Ticket	Summary	Owner	Priority	Component	Reporter
#105	Cheddar-1.1p1 (04/26/02)	See Description	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	• Add some (simple) controls on constants defined in config/config.ads (F. Singhoff). • Add scheduling references (F. Singhoff). • Add online manual (J. Legrand). • Add command line options (F. Singhoff). • Add french translation (for my students :-)), F. Singhoff).

Ticket	Summary	Owner	Priority	Component	Reporter
#106	Cheddar-1.1 (04/17/02)		Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	Initial public version (F. Singhoff)

Milestone: 1.2   (2 matches)

Ticket	Summary	Owner	Priority	Component	Reporter
#103	Cheddar-1.2p1 (11/14/02)		Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	Fix some bugs (see BUGS file).

Ticket	Summary	Owner	Priority	Component	Reporter
#104	Cheddar-1.2p0 (10/14/02)	See Description	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	• Add scheduling framework -> used to build multiprocessor scheduling with precedencies (F. Singhoff). • Add duplicate functions (F. Singhoff). • Add a small user's guide (in html format) (S. Herry, G. Oliva, W. Guillo, P. Normand, R. Prevot,

Ticket	Summary	Owner	Priority	Component	Reporter
	F. Singhoff). - Add end to end response time computation (F. Singhoff). - Add Priorities/Deadlines modification according to Chetto/Blazewicz (F. Singhoff). - Add Priorities modification according to RM/ADM (F. Singhoff). - Fix many bugs on the mmi part of dependencies tool (F. Singhoff). - Add POSIX 4 scheduling (F. Singhoff). - Add options widget (F. Singhoff). - Add shared resources with PCP and PIP protocols scheduling and blocking time analysis (S. Herry, G. Oliva, W. Guillo, P. Normand, R. Prevot, F. Singhoff). - Rebuild tasks update widget (S. Herry, G. Oliva, W. Guillo, P. Normand, R. Prevot). - Add messages and buffers widgets (S. Herry, G. Oliva, W. Guillo, P. Normand, R. Prevot). - Add dependencies graph window (S. Herry, G. Oliva, W. Guillo, P. Normand, R. Prevot). - Add some tools to buffer analysis (J. Legrand, F. Singhoff). - Many Cheddar-1.1p1 bugs fixed => see BUGS (F. Singhoff).				

Milestone: 1.3   (5 matches)

Ticket	Summary	Owner	Priority	Component	Reporter
#98	Cheddar-1.3p5 (11/01/2005)	See Description	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	- Fix some bugs (see BUGS file). - Add round robin, linux time sharing, D-over and MUF built-in schedulers (F. Singhoff). - Provide both statically and dynamically allocated set : users should choose between them according to the number of task/processors/messages and to the size of the simulation (F. Singhoff). - Add aadl2aadl program (just parse and print an AADL file) (F. Singhoff). - Add FreeBsd Makefile.vars (C.P. Gloster). - Start adding global memory requirement analysis (task/buffer/shared resources compared by address space mmory size) (F. Singhoff). - Feasibility tests can be called by users processor by processor and feasibility test by feasibility test. (see customized feasibility tests) (F. Singhoff). - Add AADL import and export services based on ocarina (F. Singhoff). - Refactoring of some basic widgets (H. Lapinoja, F. Singhoff). - Improve text displayed in the main root window when response time and feasibility tests are performed on a project (F. Singhoff). - Extend the data model of cheddar to include the abstraction of address spaces (F. Singhoff). - Some parametric variable can be set into the parametric code (F. Singhoff). - Provide extended buffer analysis tools : simulation and feasibility tests in cases of periodic and randomly activated tasks (J. Legrand, F. Singhoff). - Users can tune which events the simulator engine will generate at simulation time (see Tools/Scheduling/Options). Warning : "task_activation" and "running_task" can not be ungenerated since they are needed by many analysis tools (F. Singhoff).

Ticket	Summary	Owner	Priority	Component	Reporter
#99	Cheddar-1.3p3 (09/08/04)	See Description	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	- Add a way to display or save the event table produced by the simulator engine. The event table is XML formated (F. Singhoff). - Add Partitioning tools for multiprocessor systems scheduled with Rate Monotonic (M. Nivala). - Fix errors on utilization factor feasibility tests (H. Martin, S. Bothorel). - Add message scheduling (G. Oliva, F. Charlet, F. Singhoff). - Add parametric event analyzers (F. Singhoff).

Ticket	Summary	Owner	Priority	Component	Reporter
	• Add a sub-program To detect priority inversion and deadlocks from simulation (F. Singhoff). • Add sub-programs To Compute Worst/Best/Average Cases of shared resource blocking and response time from simulation (F. Singhoff). • Add a sub-program to compute response time of all activation of a cyclic task from a simulation (F.Singhoff & J.Legrand)=> see *task_set.ads* and *framework_examples/distribution.adb* files. • Provide a new scheduling option to customize seed management with random simulation (F. Singhoff). • Add a C interface to call the framework (F. Singhoff). • Add Last/First attribute for Integer and Double type into the parametric scheduling engine : see *non_preemptive_llf.sc* for example (F. Singhoff). • Add parametric task activation features (H. Huopana, F. Singhoff). • Add an example of deadlock with PIP and its resolution with PCP; See example ex12.xml (F. Singhoff). • Change the scheduling widget to display shared resource state (when the resource is used and when it is used by a different task (E. Vilain).				
#100	Cheddar-1.3p2 (09/01/03)	F. Singhoff	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	Compute the number of context switch during scheduling simulation.				
#101	Cheddar-1.3p1 (08/28/03)		Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	Fix some bugs (see BUGS file).				
#102	Cheddar-1.3p0 (08/26/03)	See Description	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

description	• Cheddar project files are now saved in a XML format. Project can then be shared between several plate-forms (F. Singhoff). • Add response time for RM/DM/POSIX.4 in the non preemptive case, EDF/LLF in the preemptive and the non preemptive case (L. Morin). • Add response time evaluation from simulation (L. Morin). • Now, when Cheddar crashes, the ongoing project is saved in a XML file called "cheddar_bug.xml" and then, project editing is not loosed any more (F. Singhoff). • Add XLST and CSS files to display Cheddar projects with an Internet browser (M. Auer). • Produce simulation results in string or XML format (H. Ihamouten, M. Gning). • Include a regression test suite in Cheddar (F. Singhoff) => See *project_examples*. • Add some classic Queueing system results in the framework (A. Huopana, J. Legrand). • Add the C/Ada framework interface (F. Singhoff). • Add poisson process tasks (A. Huopana). • Rebuild task widgets (update/add) (A. Huopana). • Add a function to compute response time density from a simulation (F. Singhoff). • Add some tools to do random simulation (J. Legrand). • Add parametric schedulers and user defined task parameters (F. Singhoff). • Fix some bugs (see BUGS file).

Milestone: 2.0   (3 matches)

Ticket	Summary	Owner	Priority	Component	Reporter
#95	Cheddar-2.0p2 (//)	F. Singhoff and A. Plantec	Undefined	framework	F. Singhoff and A. Plantec

Reported by **F. Singhoff and A. Plantec**, 10 days ago.

	F29!09/08/07	requested by : Singhoff	low
		implemented by : Singhoff	

After a scheduling simulation and when we compute task response time from the simulation, if a task did not run all its capacity, a message is deplayed in order to warn the user

	F28!08/10/07	requested by : Singhoff, Plantec	medium
description		implemented by : Singhoff, Plantec	

Implement an API which allows users to compile a Cheddar program and to generated Ada packages implementing such a Cheddar program into the Cheddar real time scheduling engine. Such an Ada package is generated by Platypus Meta-CASE tool. The Cheddar language meta-model and and the Ada generator handled by Platypus is store into the "platypus" sub-directory of the Cheddar SVN repository.

#96	Cheddar-2.0p1 (07/15/2007)	R. Couillet, A. Plantec, F. Singhoff, T. Vergnaud and B. Zalila	Undefined	framework	anonymous

Reported by **anonymous**, 10 days ago.

	F27	06/08/07	requested by : B. Zalila (ENST)	medium
			implemented by : B. Zalila (ENST)	

Load ocarina AADL standard property set files if we can not load the Cheddar AADL property set files.

	F26	04/25/07	requested by : T. Vergnaud (cnes)	medium
			implemented by : T. Vergnaud (cnes)	

Provide GPS project files for Cheddar.

	F25	04/17/07	requested by : romain.couillet (philips)	medium
			implemented by : singhoff, R. Couillet	

Provide a laplace-gauss random generator. See test_parametric15.xml & laplace_gauss.sc

	F24	04/17/07	requested by : romain.couillet (philips)	medium
description			implemented by : singhoff	

Implement the "exit" statement into user-defined schedulers in order to stop a simulation at any time. See test_parametric14.xml & exit.sc

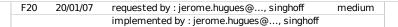|	F23	03/23/07	requested by : romain.couillet (philips)	medium
			implemented by : singhoff	

- Update tasks.rest_of_capacity each unit of time instead of each task activation.
- Define a new variable : tasks.used_capacity which sums the capacity consumed for the current activation (used_capacity is reseted to zero at each task activation).

	F22	12/03/07	requested by : singhoff	medium
			implemented by : singhoff, A. Plantec	

Implement automaton user-defined scheduler interpreter.

#97	Cheddar-2.0 (02/12/2007)	See Description	Undefined	framework	anonymous

Ticket	Summary	Owner	Priority	Component	Reporter

Reported by **anonymous**, 10 days ago.

F20	20/01/07	requested by : jerome.hugues@..., singhoff	medium
		implemented by : jerome.hugues@..., singhoff	

Update aadl_parsers.adb to support the new release of Ocarina.

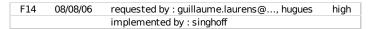| F19	20/01/07	requested by : plantec, singhoff	low
		implemented by : plantec, singhoff	

Refactoring of the cheddar framework with the meta case tool Platypus. The "platypus" directory contains the model and the meta-model used for such a purpose.

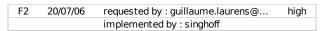| F16	20/08/06	requested by : singhoff	low
		implemented by : singhoff	

- Gather all configuration variables into the "config" directory
- Provide a Put subprogram to display the configuration ar the screen.

This subprogram can be called from the Cheddar's command line.

F14	08/08/06	requested by : guillaume.laurens@..., hugues	high
		implemented by : singhoff	

- Add support for AADL import/export of task dependencies throught event port and cheddar's properties.
- Add AADL import/export options widget

F2	20/07/06	requested by : guillaume.laurens@...	high
		implemented by : singhoff	

Put(e,a,b). "e","a" and "b" are any expression. "e" is the expression to be displayed. "a" and "b" give the entries of "e" we want to display (only if "e" is a table).

description   Example of use :

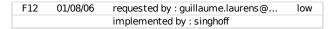CB_log : array (tasks_range) of integer; i : integer; minv : integer :=1; maxv : integer :=15;

...

put("hello"); -- displays the string "hello" put(maxv-1); -- displays "14" put(minv); -- displays "1" put(CB_log); -- displays ALL entries of the CB_log table put(CB_log, 2, 2); -- displays the third entry of the CB_log table put(CB_log, 0, 10); -- displays the entries between 0 and 10 of the CB_log table put(CB_log, minv, maxv-1); -- displays the entries between 1 and 14 of the CB_log table
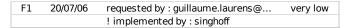
F6	20/07/06	requested by : guillaume.laurens@...	high
		implemented by : singhoff	

Create a predefined variable which gives the total simulation time (=simulation length).

There is already a predefined range : "time_units_range". But it is a range, not an integer and its usage is restricted (can't be used every time ...).

F12	01/08/06	requested by : guillaume.laurens@...	low
		implemented by : singhoff	

Provide the number of line of a sc file when an Ada exception is raised by the ada runtime. This number of line is presented with the name of the raised exception with simulation results.

F1	20/07/06	requested by : guillaume.laurens@...	very low
		! implemented by : singhoff	

Change in user guide due to cheddar change : tasks.rest_of_capacity is now writable.

Error in user guide (or bug in Cheddar ?). The description of tasks.rest_of_capacity is bad. The definition

Ticket	Summary	Owner	Priority	Component	Reporter
	is : *For each task activation, this variable is reset to the capacity each time the associated task starts a new activation. If rest_of_capacity is equal to zero, the task is over in its current activation and is then blocked.* But in cheddar : *At the start of the simulation, rest_of_capacity=0. When the task is activated, the value is set to tasks.capacity. At the end of the capacity, rest_of_capacity is immediatly reset to the task capacity.*				

F0	01/07/06	requested by : guillaume.laurens@..., singhoff, strauss	medium
		implemented by : guillaume.laurens@..., baert, hugel, edzang, stauss, singhoff	

- Allow .sc files to change the value of the variable "rest_of_capacity" (G. Laurens).
- Provides new Makefiles tools for the win32 platform (M. Baert).
- Add Sporadic task support (F. Singhoff). The previous Sporadic implementation was provided throught an .sc file.
- Add "immediate PCP" protocol for shared resources (M. Strauss).
- The scheduling framework allows now to override the sub-program which produces events into XML event table. This feature make it possible to add information in the event table depending on the scheduler and the produced event (F. Singhoff).
- Update FAQ from the Cheddar's mailing list (F. Singhoff).
- Re-format and improve the list of publications provided with Cheddar (F. Singhoff).
- Provide a new implementation of the deadlock simulation analyzer (S. Edzang).
- Provide XLST tools and update XML/DTD files of Cheddar project and Event table files (M. Baert).
- Improve Cheddar command Line (mainly for AADL files) (F. Singhoff).
- Add the date of Cheddar compiling in the "About Cheddar" windows (F. Singhoff).
- Update the user's guide (V. Hugel).
- Add Hierarchical Scheduling Support (F. Singhoff).

Milestone: 2.1   (3 matches)

Ticket	Summary	Owner	Priority	Component	Reporter
#12	AADL Import : missing component warning	Jerome Legrand	major	framework	Pierre Dissaux

Reported by **Pierre Dissaux**, 3 months ago.

description	Add a warning if a (correct) AADL file is imported with missing component mandatory for Cheddar. Translate cheddar data model into AADL data model if a AADL file is loaded through the command line.

Ticket	Summary	Owner	Priority	Component	Reporter
#108	Ocarina 1.1	jlegrand	major	framework	jlegrand

Reported by **jlegrand**, 9 days ago.

description	Switch to Ocarina 1.1

Ticket	Summary	Owner	Priority	Component	Reporter
#15	Cheddar menu simplification	singhoff	minor	graphical_editor	Jerome Legrand

Reported by **Jerome Legrand**, 3 months ago.

description	The 'list' and 'edit' menu shall be unified and simplified. The menu shall be change from : - Edit - Add - Delete - Update

Ticket	Summary	Owner	Priority	Component	Reporter

	o Duplicate
	   • View
	      o List
	          ▪ list …
	          ▪ …
	
	To :
	
	   • Edit
	      o Processor
	      o Adress space
	      o Task
	      o …
	      o Duplicate				