

File: PROVER\le\_ltb\_runner.c

50 51 52 53	OPT_PRINT_STATISTICS, OPT_SILENT, OPT_OUTPUTLEVEL, OPT_GLOBAL_WTCLIMIT,	=	50 51 52 53 54 55	OPT_PRINT_STATISTICS, OPT_SILENT, OPT_OUTPUTLEVEL, OPT_GLOBAL_WTCLIMIT, /** Added by Pruthvirajsinh_C to set answer Limit */
		- +	56	OPT_ANSWER_LIMIT,
54 55 56 57 58 59	OPT_DUMMY }OptionCodes;  /*----- -----*/	=	57 58 59 60 61 62	OPT_DUMMY }OptionCodes;  /*----- -----*/
117 118	ReqArg, NULL, "Set the global wall-clock limit for each batch (if any)."},	=	120 121 122 123 124 125	ReqArg, NULL, "Set the global wall-clock limit for each batch (if any)."},  /**** Added by Pruthvirajsinh_C to take maximum number of answers as an option. */
		- +	126 127 128 129 130 131 132 133	{OPT_ANSWER_LIMIT,  '\0', "answers", OptArg, "1", "Set the maximal number of answers to print for existentially" " quantified questions. Without this option, the prover terminates" " after the first answer found. If the value is different from 1, " "the prover is no longer guaranteed to terminate, even if there is" " a finite number of answers."},
119 120 121 122 123 124 125 126 127	{OPT_NOOPT, '\0', NULL, NoArg, NULL, NULL} };  char *outname = NULL; long total_wtc_limit = 0;	=	134 135 136 137 138 139 140 141 142 143	{OPT_NOOPT, '\0', NULL, NoArg, NULL, NULL} };  char *outname = NULL; long total_wtc_limit = 0;
		- +	144	int answer_limit = 1;
128 129 130 131 132 133	bool interactive = false;  /*----- -----*/ /* Forward Declarations */ /*----- -----*/	=	145 146 147 148 149 150	bool interactive = false;  /*----- -----*/ /* Forward Declarations */ /*----- -----*/
197 198 199	Error("Either the per-problem time limit or the global " "time limit must be set to a value > 0", USAGE_ERROR); }	=	214 215 216 217 218 219	Error("Either the per-problem time limit or the global " "time limit must be set to a value > 0", USAGE_ERROR); } /** Added by Pruthvirajsinh_C to set answers limit in spec */
		- +	220	spec->answer_limit = answer_limit;
200 201 202 203 204	/* BatchSpecPrint(stdout, spec); */ ctrl = StructFOFSpecAlloc(); BatchStructFOFSpecInit(spec, ctrl); now = GetSecTime(); res = BatchProcessProblems(spec, ctrl, MAX(0, total_wtc_limit - (now - start)));	=	221 222 223 224 225 226	/* BatchSpecPrint(stdout, spec); */ ctrl = StructFOFSpecAlloc(); BatchStructFOFSpecInit(spec, ctrl); now = GetSecTime(); res = BatchProcessProblems(spec, ctrl, MAX(0, total_wtc_limit - (now - start)));

290	case OPT_GLOBAL_WTCLIMIT:	=	312	case OPT_GLOBAL_WTCLIMIT:
291	total_wtc_limit = CLStateGetIntArg(handle,		313	total_wtc_limit = CLStateGetIntArg(handle,
292	arg);			arg);
	break;		314	break;
			315	/**
			316	added by Pruthvirajsinh_C to handle number of
			317	answers option
				*/
		-	318	case OPT_ANSWER_LIMIT:
		+	319	answer_limit = CLStateGetIntArg(handle,
			320	arg);
				break;
293	default:	=	321	default:
294	assert(false && "Unknown option");		322	assert(false && "Unknown option");
295	break;		323	break;
296	}		324	}
297	}		325	}
298	return state;		326	return state;

File: CONTROL\cco\_batch\_spec.c

616	AxFilterSet_p filters =	=	616	AxFilterSet_p filters =
617	AxFilterSetCreateInternal(AxFilterDefaultSet);		617	AxFilterSetCreateInternal(AxFilterDefaultSet);
	int i;		618	int i;
			619	/**
			620	Edit by Pruthvirajsinh_C for answer_limit start
			621	Original content
618	char* answers = spec->res_answer==BONone?"": "--conjectures-are-questions";	<>	622	char* answers = spec->res_answer==BONone?"": "--conjectures-are-questions";
		=	623	
			624	*/
			625	
		-+	626	DStr_p extra_options = DStrAlloc();
			627	DStrAppendStr(extra_options, spec->res_answer==BONone?"": "--conjectures-are-questions ");
			628	DStrAppendStr(extra_options, "--answers=");
			629	DStrAppendInt(extra_options, spec->answer_limit);
			630	char* answers = DStrView(extra_options);
		=	631	/**
			632	Edit by Pruthvirajsinh_C for answer_limit end
			633	*/
			634	
619			635	
620	start = GetSecTime();		636	start = GetSecTime();