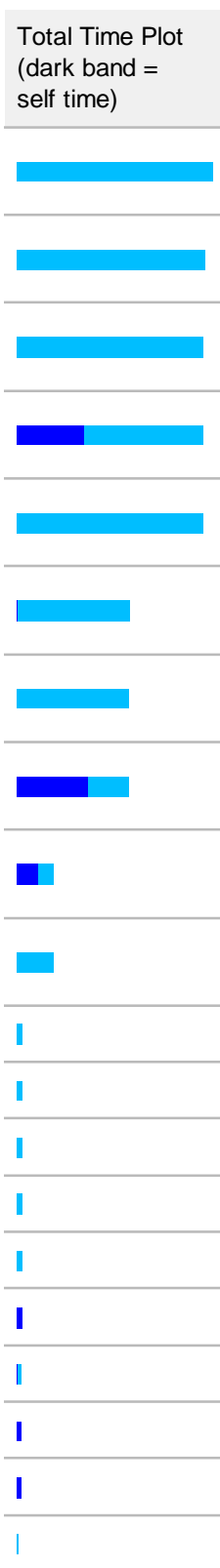


## Profile Summary

Generated 24-Feb-2015 11:12:02 using cpu time.

<u>Function Name</u>	<u>Calls</u>	<u>Total Time</u>	<u>Self Time*</u>
<a href="#">ANNkfoldver3b</a>	1	66.495 s	0.016 s
<a href="#">network.train</a>	10	63.950 s	0.016 s
<a href="#">trainlm</a>	210	63.236 s	0.000 s
<a href="#">trainlm&gt;train_network</a>	10	63.236 s	23.444 s
<a href="#">network.train&gt;trainPerWorker</a>	10	63.236 s	0.000 s
<a href="#">nnCalcLib&gt;nnCalcLib.perfsJEJJ</a>	159	38.525 s	0.560 s
<a href="#">perfsJEJJ</a>	159	37.965 s	0.000 s
<a href="#">perfsJEJJ&gt;calc_Y_trainPerfJeJJ</a>	159	37.777 s	24.728 s
<a href="#">jac_s</a>	159	12.676 s	7.434 s
<a href="#">perfsJEJJ&gt;calc_jacobian</a>	159	12.676 s	0.000 s
<a href="#">newff&gt;new_5p1</a>	10	1.954 s	0.016 s
<a href="#">newff&gt;create_network</a>	10	1.954 s	0.000 s
<a href="#">newff</a>	10	1.954 s	0.000 s
<a href="#">network.subsasgn&gt;network_subsasgn</a>	640	1.934 s	0.031 s
<a href="#">network.subsasgn</a>	640	1.919 s	0.000 s
<a href="#">dperf</a>	159	1.861 s	1.815 s
<a href="#">nnModuleInfo</a>	971	1.515 s	0.891 s
<a href="#">jac_s&gt;reproWint</a>	795	1.496 s	1.496 s
<a href="#">jac_s&gt;reproW</a>	795	1.468 s	1.468 s
<a href="#">nnCalcLib&gt;nnCalcLib.trainPerf</a>	278	0.844 s	0.079 s



<a href="#">perfs</a>	278	0.765 s	0.047 s
<a href="#">trainPerf</a>	278	0.765 s	0.000 s
<a href="#">y</a>	278	0.702 s	0.046 s
<a href="#">setup1&gt;setupImpl</a>	31	0.607 s	0.016 s
<a href="#">setup1</a>	31	0.607 s	0.000 s
<a href="#">@network\private\mn_configure_layer</a>	150	0.597 s	0.016 s
<a href="#">y&gt;calca</a>	278	0.481 s	0.263 s
<a href="#">@ne...\private\mn_configure_layer_weight</a>	280	0.425 s	0.016 s
<a href="#">transfer_fcn</a>	350	0.406 s	0.000 s
<a href="#">setup</a>	10	0.406 s	0.000 s
<a href="#">network.subsasgn&gt;setLayerTransferFcn</a>	50	0.404 s	0.032 s
<a href="#">network.sim</a>	21	0.387 s	0.000 s
<a href="#">tansig</a>	300	0.373 s	0.015 s
<a href="#">netHints</a>	10	0.326 s	0.031 s
<a href="#">network.subsasgn&gt;getDefaultParam</a>	240	0.311 s	0.000 s
<a href="#">y_all</a>	159	0.311 s	0.077 s
<a href="#">jac_s&gt;stretch</a>	159	0.277 s	0.277 s
<a href="#">apply</a>	2185	0.266 s	0.266 s
<a href="#">perfsJEJJ&gt;calc_perf_N</a>	477	0.250 s	0.079 s
<a href="#">network.sim&gt;nncalc_setup</a>	21	0.247 s	0.000 s
<a href="#">performance_fcn</a>	41	0.231 s	0.000 s
<a href="#">mse</a>	41	0.231 s	0.000 s
<a href="#">...ParamInfo&gt;nnetParamInfo.nnetParamInfo</a>	524	0.218 s	0.077 s
<a href="#">parameter_defaults</a>	1071	0.215 s	0.061 s
<a href="#">initlay</a>	400	0.202 s	-0.000 s
<a href="#">info</a>	51	0.201 s	0.015 s
<a href="#">feedback</a>	169	0.187 s	0.094 s
<a href="#">info</a>	390	0.174 s	0.127 s
<a href="#">@network\private\mn_configure_output</a>	30	0.174 s	0.000 s



<a href="#">network.subsasgn&gt;setLayerInitFcn</a>	50	0.174 s	0.000 s
<a href="#">parameterInfo</a>	102	0.171 s	0.016 s
<a href="#">@network\private\nn_update_read_only</a>	640	0.170 s	0.170 s
<a href="#">network.init</a>	10	0.156 s	0.000 s
<a href="#">initnw&gt;initialize_layer</a>	50	0.156 s	0.000 s
<a href="#">initnw</a>	120	0.156 s	0.000 s
<a href="#">initlay&gt;initialize_network</a>	10	0.156 s	0.000 s
<a href="#">@network\private\nn_configure_input</a>	20	0.155 s	0.000 s
<a href="#">nnCalcLib&gt;nnCalcLib.setwb</a>	278	0.143 s	0.032 s
<a href="#">network.subsasgn&gt;setInputProcessFcns</a>	10	0.143 s	0.000 s
<a href="#">netHints</a>	31	0.142 s	0.110 s
<a href="#">process_fcn</a>	50	0.142 s	0.000 s
<a href="#">param&gt;do_test</a>	120	0.140 s	0.108 s
<a href="#">gmultiply</a>	1709	0.140 s	0.031 s
<a href="#">network.subsasgn&gt;setTrainParam</a>	120	0.140 s	0.000 s
<a href="#">param</a>	120	0.140 s	0.000 s
<a href="#">reverse</a>	596	0.125 s	0.125 s
<a href="#">network.subsasgn&gt;setInputExampleInput</a>	10	0.123 s	0.000 s
<a href="#">removeconstantrows</a>	60	0.111 s	-0.000 s
<a href="#">setwb</a>	278	0.111 s	0.016 s
<a href="#">y&gt;post_outputs</a>	278	0.111 s	0.015 s
<a href="#">mapminmax</a>	60	0.110 s	-0.000 s
<a href="#">network.subsasgn&gt;setLayerSize</a>	40	0.109 s	0.000 s
<a href="#">gmultiply&gt;calc_cell</a>	1709	0.109 s	0.030 s
<a href="#">network.subsasgn&gt;setLayerDimensions</a>	40	0.109 s	0.015 s
<a href="#">fixunknowns</a>	30	0.107 s	0.000 s
<a href="#">create</a>	20	0.107 s	0.016 s
<a href="#">y&gt;reverse_process</a>	278	0.096 s	0.016 s



<a href="#">network.subsasgn&gt;setOutputExampleOutput</a>	10	0.096 s	0.000 s
<a href="#">setwb</a>	288	0.095 s	0.000 s
<a href="#">separatewb</a>	288	0.095 s	0.095 s
<a href="#">network.subsasgn&gt;setOutputProcessFcns</a>	10	0.094 s	-0.000 s
<a href="#">mean</a>	1400	0.091 s	0.091 s
<a href="#">info</a>	70	0.079 s	0.016 s
<a href="#">gmultiply&gt;calc_general</a>	1709	0.079 s	0.079 s
<a href="#">data</a>	467	0.078 s	0.046 s
<a href="#">network.network</a>	670	0.078 s	0.015 s
<a href="#">@ne...\private\nn_configure_input_weight</a>	60	0.078 s	-0.000 s
<a href="#">info</a>	400	0.077 s	0.062 s
<a href="#">network.subsasgn&gt;setPerformFcn</a>	10	0.076 s	0.000 s
<a href="#">pd</a>	278	0.064 s	0.064 s
<a href="#">parameterInfo</a>	120	0.063 s	0.016 s
<a href="#">weight_fcn</a>	60	0.063 s	0.000 s
<a href="#">network.network&gt;new_network</a>	10	0.063 s	0.000 s
<a href="#">setup&gt;setupPerWorker</a>	10	0.063 s	0.000 s
<a href="#">setup</a>	10	0.063 s	0.000 s
<a href="#">dotprod</a>	60	0.063 s	0.000 s
<a href="#">options2Mode</a>	31	0.063 s	0.032 s
<a href="#">netHints</a>	21	0.062 s	0.047 s
<a href="#">network.subsasgn&gt;matchstring</a>	980	0.062 s	0.062 s
<a href="#">tapdelay</a>	318	0.062 s	0.062 s
<a href="#">apply</a>	2185	0.061 s	0.061 s
<a href="#">num2str</a>	669	0.048 s	0.000 s
<a href="#">purelin</a>	50	0.048 s	0.000 s
<a href="#">apply</a>	2185	0.048 s	0.048 s
<a href="#">string</a>	2146	0.047 s	0.015 s





<a href="#">real_0_to_1</a>	222	0.047 s	0.047 s
<a href="#">getParamStructFromArgs</a>	100	0.047 s	0.000 s
<a href="#">dn_dzi</a>	1590	0.047 s	0.047 s
<a href="#">wb_indices</a>	145	0.047 s	0.047 s
<a href="#">network.subsasgn&gt;setLayerConnect</a>	20	0.047 s	0.015 s
<a href="#">minmax</a>	170	0.047 s	0.016 s
<a href="#">transfer_fcn</a>	400	0.046 s	0.046 s
<a href="#">network.subsasgn&gt;nextsubs</a>	1320	0.046 s	0.046 s
<a href="#">y_all&gt;calc_pd</a>	159	0.046 s	0.000 s
<a href="#">netCheck</a>	42	0.046 s	0.015 s
<a href="#">setup2</a>	31	0.046 s	0.000 s
<a href="#">grp2idx</a>	13	0.032 s	0.032 s
<a href="#">int2str</a>	379	0.032 s	0.032 s
<a href="#">feedback&gt;train_status_str</a>	258	0.032 s	0.000 s
<a href="#">string&gt;type_check</a>	2146	0.032 s	0.032 s
<a href="#">nnetParamInfo&gt;fcn2filename</a>	524	0.032 s	0.016 s
<a href="#">pos_int_scalar</a>	558	0.032 s	0.032 s
<a href="#">first_match</a>	1092	0.032 s	0.032 s
<a href="#">network.subsasgn&gt;setNumLayers</a>	20	0.032 s	0.016 s
<a href="#">network.sim&gt;simDataCellOfMatrix</a>	21	0.032 s	0.000 s
<a href="#">da_dn</a>	795	0.032 s	0.032 s
<a href="#">validation</a>	149	0.032 s	0.032 s
<a href="#">network.subsasgn&gt;setPlotFcns</a>	10	0.032 s	0.016 s
<a href="#">data&gt;type_check</a>	467	0.032 s	0.016 s
<a href="#">setup&gt;share_samples</a>	30	0.032 s	0.016 s
<a href="#">network.sim&gt;simData</a>	21	0.032 s	0.000 s
<a href="#">crossvalind</a>	1	0.031 s	0.015 s
<a href="#">confusionmat</a>	12	0.031 s	0.015 s
<a href="#">network.subsasgn&gt;nsubsasn</a>	770	0.031 s	0.031 s



<a href="#">formatNet</a>	21	0.031 s	0.000 s
<a href="#">confusionmatStats</a>	12	0.031 s	0.000 s
<a href="#">match</a>	1468	0.031 s	0.031 s
<a href="#">update</a>	159	0.031 s	0.031 s
<a href="#">defaultMode</a>	62	0.031 s	0.000 s
<a href="#">network.subsasgn&gt;setInputConnect</a>	20	0.031 s	0.000 s
<a href="#">initwb</a>	320	0.031 s	0.015 s
<a href="#">initlay&gt;configure_layer_weight</a>	280	0.031 s	0.000 s
<a href="#">initnw&gt;calcnw</a>	50	0.031 s	0.000 s
<a href="#">options2Mode&gt;MexOrMATLAB</a>	31	0.031 s	0.000 s
<a href="#">nnCalcLib&gt;nnCalcLib.y</a>	21	0.031 s	0.016 s
<a href="#">network.sim&gt;simPerWorker</a>	21	0.031 s	0.000 s
<a href="#">convert1D</a>	12	0.031 s	0.031 s
<a href="#">nntraintool</a>	159	0.030 s	0.030 s
<a href="#">write</a>	159	0.030 s	0.000 s
<a href="#">pc</a>	31	0.030 s	0.015 s
<a href="#">preCalcData</a>	31	0.030 s	0.000 s
<a href="#">num2str&gt;handleNumericPrecision</a>	273	0.016 s	0.000 s
<a href="#">num2str&gt;convertUsingRecycledSprintf</a>	273	0.016 s	0.016 s
<a href="#">filesep</a>	524	0.016 s	0.016 s
<a href="#">matrix_data</a>	271	0.016 s	0.016 s
<a href="#">pos_scalar</a>	440	0.016 s	0.016 s
<a href="#">parameterInfo</a>	80	0.016 s	0.000 s
<a href="#">parameterInfo</a>	780	0.016 s	0.016 s
<a href="#">weight_fcn</a>	390	0.016 s	0.016 s
<a href="#">inputDerivType</a>	390	0.016 s	0.016 s
<a href="#">name</a>	350	0.016 s	0.016 s
<a href="#">create</a>	40	0.016 s	0.016 s
<a href="#">create</a>	40	0.016 s	0.000 s



<a href="#"><u>apply</u></a>	40	0.016 s	0.016 s
<a href="#"><u>learn_gdm</u></a>	200	0.016 s	0.016 s
<a href="#"><u>bz</u></a>	159	0.016 s	0.016 s
<a href="#"><u>delayed_inputs</u></a>	159	0.016 s	0.000 s
<a href="#"><u>gsubtract&gt;calc_cell</u></a>	914	0.016 s	0.000 s
<a href="#"><u>gsubtract&gt;calc_general</u></a>	914	0.016 s	0.016 s
<a href="#"><u>gsubtract</u></a>	924	0.016 s	0.000 s
<a href="#"><u>normalize_error</u></a>	1073	0.016 s	0.016 s
<a href="#"><u>nndata</u></a>	159	0.016 s	0.000 s
<a href="#"><u>nsize</u></a>	304	0.016 s	0.016 s
<a href="#"><u>dx_dy</u></a>	159	0.016 s	0.016 s
<a href="#"><u>dz_dp</u></a>	636	0.016 s	0.016 s
<a href="#"><u>deal</u></a>	181	0.016 s	0.016 s
<a href="#"><u>plotregression</u></a>	10	0.016 s	0.016 s
<a href="#"><u>network.subsasgn&gt;newLayer</u></a>	10	0.016 s	0.000 s
<a href="#"><u>network.subsasgn&gt;setInputWeightLearnFcn</u></a>	10	0.016 s	0.000 s
<a href="#"><u>initwb&gt;configure_layer_weight</u></a>	230	0.016 s	0.016 s
<a href="#"><u>normr</u></a>	50	0.016 s	0.000 s
<a href="#"><u>randnr&gt;new_value_from_rows_cols</u></a>	50	0.016 s	0.000 s
<a href="#"><u>randnr</u></a>	50	0.016 s	0.000 s
<a href="#"><u>network.network&gt;setnet</u></a>	60	0.016 s	0.000 s
<a href="#"><u>meshgrid</u></a>	40	0.016 s	0.016 s
<a href="#"><u>layer_order</u></a>	83	0.016 s	0.016 s
<a href="#"><u>nndata_pos</u></a>	10	0.016 s	0.016 s
<a href="#"><u>weedProcessSteps</u></a>	31	0.016 s	0.016 s
<a href="#"><u>normalize</u></a>	144	0.015 s	0.015 s
<a href="#"><u>num_scalar</u></a>	240	0.015 s	0.015 s
<a href="#"><u>net_input_fcn</u></a>	60	0.015 s	0.015 s
<a href="#"><u>apply</u></a>	776	0.015 s	0.015 s



<a href="#">cell2mat</a>	973	0.015 s	0.015 s
<a href="#">usejava</a>	487	0.015 s	0.015 s
<a href="#">fileparts</a>	159	0.015 s	0.015 s
<a href="#">flags</a>	169	0.015 s	0.015 s
<a href="#">dividerand</a>	20	0.015 s	0.015 s
<a href="#">network.subsasgn&gt;setDivideFcn</a>	10	0.015 s	0.015 s
<a href="#">network.subsasgn&gt;setOutputConnect</a>	20	0.015 s	0.000 s
<a href="#">initlay&gt;configure_input_weight</a>	60	0.015 s	0.015 s
<a href="#">linspace</a>	50	0.015 s	0.015 s
<a href="#">nnMATLAB</a>	31	0.015 s	0.015 s
<a href="#">y</a>	21	0.015 s	0.000 s
<a href="#">pc&gt;fast_mat2cell</a>	31	0.015 s	0.015 s
<a href="#">forward_layer_delays</a>	21	0.015 s	0.000 s
<a href="#">forward_layer_delays&gt;delays_to_layer</a>	105	0.015 s	0.015 s
<a href="#">codeHints</a>	21	0.015 s	0.015 s
<a href="#">yy</a> (MEX-file)	21	0.015 s	0.015 s
<a href="#">convertNum</a>	1	0 s	0.000 s
<a href="#">cell.strmatch</a>	1	0 s	0.000 s
<a href="#">strmatch</a>	1	0 s	0.000 s
<a href="#">unique</a>	13	0 s	0.000 s
<a href="#">unique&gt;uniquelegacy</a>	13	0 s	0.000 s
<a href="#">intmax</a>	26	0 s	0.000 s
<a href="#">intmin</a>	13	0 s	0.000 s
<a href="#">name</a>	102	0 s	0.000 s
<a href="#">type</a>	51	0 s	0.000 s
<a href="#">performance_fcn</a>	51	0 s	0.000 s
<a href="#">string&gt;strict_format</a>	50	0 s	0.000 s
<a href="#">network.subsasgn&gt;setLayerName</a>	50	0 s	0.000 s
<a href="#">error_norm_mode</a>	102	0 s	0.000 s





<a href="#">bool_scalar</a>	240	0 s	0.000 s
<a href="#">strict_pos_int_inf_scalar</a>	120	0 s	0.000 s
<a href="#">pos_inf_scalar</a>	120	0 s	0.000 s
<a href="#">strict_pos_int_scalar</a>	151	0 s	0.000 s
<a href="#">over1</a>	120	0 s	0.000 s
<a href="#">strict_pos_scalar</a>	120	0 s	0.000 s
<a href="#">cell_data</a>	206	0 s	0.000 s
<a href="#">pos_int_vector</a>	159	0 s	0.000 s
<a href="#">minargs</a>	3283	0 s	0.000 s
<a href="#">real 0 to 1&gt;type_check</a>	222	0 s	0.000 s
<a href="#">error_norm_mode&gt;type_check</a>	102	0 s	0.000 s
<a href="#">trainlm&gt;formatNet</a>	10	0 s	0.000 s
<a href="#">pos_scalar&gt;type_check</a>	440	0 s	0.000 s
<a href="#">num_scalar&gt;type_check</a>	240	0 s	0.000 s
<a href="#">info</a>	60	0 s	0.000 s
<a href="#">parameterInfo</a>	120	0 s	0.000 s
<a href="#">parameterInfo</a>	100	0 s	0.000 s
<a href="#">parameterInfo</a>	40	0 s	0.000 s
<a href="#">parameterInfo</a>	700	0 s	0.000 s
<a href="#">name</a>	60	0 s	0.000 s
<a href="#">type</a>	60	0 s	0.000 s
<a href="#">name</a>	50	0 s	0.000 s
<a href="#">type</a>	50	0 s	0.000 s
<a href="#">outputRange</a>	50	0 s	0.000 s
<a href="#">activeInputRange</a>	50	0 s	0.000 s
<a href="#">isScalar</a>	50	0 s	0.000 s
<a href="#">outputRange</a>	350	0 s	0.000 s
<a href="#">activeInputRange</a>	350	0 s	0.000 s
<a href="#">isScalar</a>	350	0 s	0.000 s



<a href="#">name</a>	390	0 s	0.000 s
<a href="#">type</a>	390	0 s	0.000 s
<a href="#">weightDerivType</a>	390	0 s	0.000 s
<a href="#">name</a>	10	0 s	0.000 s
<a href="#">type</a>	10	0 s	0.000 s
<a href="#">processing_fcn</a>	70	0 s	0.000 s
<a href="#">processInputs</a>	10	0 s	0.000 s
<a href="#">processOutputs</a>	10	0 s	0.000 s
<a href="#">processInputs</a>	20	0 s	0.000 s
<a href="#">processOutputs</a>	20	0 s	0.000 s
<a href="#">processInputs</a>	40	0 s	0.000 s
<a href="#">processOutputs</a>	40	0 s	0.000 s
<a href="#">name</a>	20	0 s	0.000 s
<a href="#">type</a>	20	0 s	0.000 s
<a href="#">name</a>	40	0 s	0.000 s
<a href="#">type</a>	40	0 s	0.000 s
<a href="#">type</a>	350	0 s	0.000 s
<a href="#">net_input_fcn</a>	10	0 s	0.000 s
<a href="#">nnetParam&gt;nnetParam.nnetParam</a>	10	0 s	0.000 s
<a href="#">network.subsasgn&gt;setNumInputs</a>	20	0 s	0.000 s
<a href="#">@network\private\isposint</a>	80	0 s	0.000 s
<a href="#">@network\private\nn_new_input_struct</a>	10	0 s	0.000 s
<a href="#">repmat</a>	20	0 s	0.000 s
<a href="#">repmat&gt;create@(x)double(full(x))</a>	20	0 s	0.000 s
<a href="#">repmat&gt;@(x)double(full(x))</a>	40	0 s	0.000 s
<a href="#">netsum</a>	10	0 s	0.000 s
<a href="#">apply</a>	20	0 s	0.000 s
<a href="#">apply</a>	40	0 s	0.000 s
<a href="#">adaptwb</a>	10	0 s	0.000 s



<a href="#">nnetParam&gt;nnetParam.struct_</a>	160	0 s	0.000 s
<a href="#">nnfcnTraining&gt;nnfcnTraining.gdefaults_</a>	10	0 s	0.000 s
<a href="#">gsqrt</a>	636	0 s	0.000 s
<a href="#">dataHints</a>	10	0 s	0.000 s
<a href="#">dataHints</a>	21	0 s	0.000 s
<a href="#">formatData</a>	21	0 s	0.000 s
<a href="#">output_sizes</a>	273	0 s	0.000 s
<a href="#">pos_int_vector&gt;type_check</a>	159	0 s	0.000 s
<a href="#">pos_int_scalar&gt;type_check</a>	558	0 s	0.000 s
<a href="#">pos_int_scalar&gt;strict_format</a>	120	0 s	0.000 s
<a href="#">jac_s&gt;remove_dont_care_errors</a>	159	0 s	0.000 s
<a href="#">config</a>	10	0 s	0.000 s
<a href="#">nsize</a>	21	0 s	0.000 s
<a href="#">jac_s&gt;outputs2layersE</a>	159	0 s	0.000 s
<a href="#">jac_s&gt;repcolint</a>	159	0 s	0.000 s
<a href="#">active_fcns</a>	159	0 s	0.000 s
<a href="#">dz_dw</a>	795	0 s	0.000 s
<a href="#">validation_start</a>	10	0 s	0.000 s
<a href="#">getwb</a>	41	0 s	0.000 s
<a href="#">formwb</a>	41	0 s	0.000 s
<a href="#">getwb</a>	20	0 s	0.000 s
<a href="#">nnCalcLib&gt;nnCalcLib.getwb</a>	20	0 s	0.000 s
<a href="#">start</a>	10	0 s	0.000 s
<a href="#">status</a>	60	0 s	0.000 s
<a href="#">check</a>	31	0 s	0.000 s
<a href="#">etime</a>	159	0 s	0.000 s
<a href="#">...thworks.toolbox.nnet.guis.nnTrainTool</a> (Java method)	318	0 s	0.000 s
<a href="#">y&gt;active_fcns</a>	278	0 s	0.000 s
<a href="#">network.subsasgn&gt;setTrainFcn</a>	10	0 s	0.000 s



<a href="#">dividerand&gt;divide_indices</a>	10	0 s	0.000 s
<a href="#">plotperform</a>	10	0 s	0.000 s
<a href="#">plottrainstate</a>	10	0 s	0.000 s
<a href="#">network.subsasgn&gt;setAdaptFcn</a>	10	0 s	0.000 s
<a href="#">network.subsasgn&gt;setBiasLearnFcn</a>	50	0 s	0.000 s
<a href="#">network.subsasgn&gt;setLayerWeightLearnFcn</a>	40	0 s	0.000 s
<a href="#">network.subsasgn&gt;setBiasConnect</a>	20	0 s	0.000 s
<a href="#">@network\private\isbool</a>	40	0 s	0.000 s
<a href="#">network.subsasgn&gt;newBias</a>	50	0 s	0.000 s
<a href="#">initwb&gt;initialize_bias</a>	50	0 s	0.000 s
<a href="#">initwb&gt;configure_input_weight</a>	40	0 s	0.000 s
<a href="#">initlay&gt;initialize_bias</a>	50	0 s	0.000 s
<a href="#">matrix_data&gt;type_check</a>	271	0 s	0.000 s
<a href="#">cell_data&gt;type_check</a>	206	0 s	0.000 s
<a href="#">ndata_pos&gt;type_check</a>	10	0 s	0.000 s
<a href="#">data&gt;strict_format</a>	343	0 s	0.000 s
<a href="#">ndata_pos&gt;strict_format</a>	10	0 s	0.000 s
<a href="#">minmax</a>	170	0 s	0.000 s
<a href="#">initnw&gt;configure_input_weight</a>	20	0 s	0.000 s
<a href="#">initnw&gt;configure_layer_weight</a>	50	0 s	0.000 s
<a href="#">rands</a>	50	0 s	0.000 s
<a href="#">rands&gt;new_value_from_rows_cols</a>	50	0 s	0.000 s
<a href="#">@network\private\nn_configure_bias</a>	50	0 s	0.000 s
<a href="#">network.subsasgn&gt;newWeight</a>	50	0 s	0.000 s
<a href="#">extract_param</a>	60	0 s	0.000 s
<a href="#">size</a>	340	0 s	0.000 s
<a href="#">network.subsasgn&gt;newOutput</a>	10	0 s	0.000 s
<a href="#">network.subsasgn&gt;subs1</a>	280	0 s	0.000 s
<a href="#">network.subsasgn&gt;subs2</a>	60	0 s	0.000 s





<a href="#"><u>network.subsasgn&gt;setInitFcn</u></a>	10	0 s	0.000 s
<a href="#"><u>bool_scalar&gt;type_check</u></a>	240	0 s	0.000 s
<a href="#"><u>strict_pos_int_inf_scalar&gt;type_check</u></a>	120	0 s	0.000 s
<a href="#"><u>pos_inf_scalar&gt;type_check</u></a>	120	0 s	0.000 s
<a href="#"><u>strict_pos_int_scalar&gt;type_check</u></a>	151	0 s	0.000 s
<a href="#"><u>checkOptions</u></a>	31	0 s	0.000 s
<a href="#"><u>over1&gt;type_check</u></a>	120	0 s	0.000 s
<a href="#"><u>strict_pos_scalar&gt;type_check</u></a>	120	0 s	0.000 s
<a href="#"><u>net</u></a>	10	0 s	0.000 s
<a href="#"><u>extractNameValuePairs</u></a>	31	0 s	0.000 s
<a href="#"><u>defaults</u></a>	31	0 s	0.000 s
<a href="#"><u>override</u></a>	31	0 s	0.000 s
<a href="#"><u>expandFile</u></a>	31	0 s	0.000 s
<a href="#"><u>nn7</u></a>	10	0 s	0.000 s
<a href="#"><u>nnMex</u></a>	21	0 s	0.000 s
<a href="#"><u>argPairs2Struct</u></a>	62	0 s	0.000 s
<a href="#"><u>netCheck</u></a>	20	0 s	0.000 s
<a href="#"><u>netFcns</u></a>	42	0 s	0.000 s
<a href="#"><u>fix_nan_inputs</u></a>	10	0 s	0.000 s
<a href="#"><u>mat2cell</u></a>	61	0 s	0.000 s
<a href="#"><u>nnetTrainingRecord</u></a>	10	0 s	0.000 s
<a href="#"><u>pruneEmptyWeights</u></a>	31	0 s	0.000 s
<a href="#"><u>setup1&gt;checkPdImplemented</u></a>	31	0 s	0.000 s
<a href="#"><u>starts</u></a>	51	0 s	0.000 s
<a href="#"><u>input_sizes</u></a>	52	0 s	0.000 s
<a href="#"><u>fliplr</u></a>	61	0 s	0.000 s
<a href="#"><u>flip</u></a>	20	0 s	0.000 s
<a href="#"><u>layer_sizes</u></a>	94	0 s	0.000 s
<a href="#"><u>netHints&gt;simlayorder</u></a>	10	0 s	0.000 s



<a href="#">defaultderiv</a>	10	0 s	0.000 s
<a href="#">formatNet</a>	10	0 s	0.000 s
<a href="#">formatData</a>	10	0 s	0.000 s
<a href="#">codeHints</a>	10	0 s	0.000 s
<a href="#">nnCalcLib&gt;nnCalcLib.nnCalcLib</a>	31	0 s	0.000 s
<a href="#">summary</a>	10	0 s	0.000 s
<a href="#">summary</a>	21	0 s	0.000 s
<a href="#">finalize</a>	10	0 s	0.000 s
<a href="#">network.sim&gt;getXf</a>	10	0 s	0.000 s
<a href="#">parseArgs</a>	12	0 s	0.000 s
<a href="#">parseArgs</a>	12	0 s	0.000 s
<a href="#">trace</a>	12	0 s	0.000 s

**Self time** is the time spent in a function excluding the time spent in its child f  
Self time also includes overhead resulting from the process of profiling.


functions