

**Function Metrics**

File Display Data

McCabe Cyclomatic Complex  
█ 10 █ 30 █

	Lines in Func	McCabe Cyclo Cmplx	Knots	Halstead Mental Effort	McCabe Decision Dens	Decision Depth	McCabe Essnt Cmplx
<input type="checkbox"/> Ftp		63	236	406224			
<input type="checkbox"/> Mot		83	155	407850			
<input type="checkbox"/> WA		14	26	50700			
<input type="checkbox"/> WA		14	26	50700			
<input type="checkbox"/> WAV:: Set (unsigned-char*	130	14	26	50700			
<input type="checkbox"/> SensorObserver7:: PrintEF	128	1	0	13422			
<input type="checkbox"/> SensorObserver:: PrintCor	111	1	0	10734	.01	0	1
<input type="checkbox"/> PowerMonitor:: PrintPower	103	30	0	9037	.29	1	1
<input type="checkbox"/> SoccerLion:: SendHeadCc	95	17	46	32274	.22	4	4
<input type="checkbox"/> MotionCommander:: help	93	1	0	3890	.01	0	1
<input type="checkbox"/> MovingEar7:: NewComma	82	9	3	30940	.18	3	1
<input type="checkbox"/> W3AIBO:: HTTPResponse	81	5	7	28080	.09	4	5
<input type="checkbox"/> SoccerLion:: ResultSens	75	20	22	32688	.33	9	1
<input type="checkbox"/> MoNet:: ReadMoNetComr	74	10	4	39300	.17	3	7
<input type="checkbox"/> BMP:: SaveRawDataAsCD	73	11	8	45505	.18	4	4
<input type="checkbox"/> BallTrackingHead:: SetCdt	73	4	1	20832	.06	1	2
<input type="checkbox"/> BallTrackingHead7:: SetC	73	4	1	20832	.06	1	2
<input type="checkbox"/> W3AIBO:: InitTCPConnecti	71	4	3	19656	.08	1	4
<input type="checkbox"/> PIDControl:: ReadyEffector	71	13	10	10241	.23	9	8
<input type="checkbox"/> PIDControl7:: ReadyEffect	71	13	10	10241	.23	9	8
<input type="checkbox"/> ImageObserver:: SetCdtVe	71	4	1			1	2
<input type="checkbox"/> ERA201D1Info:: PrintWLA	70	12	22			1	1
<input type="checkbox"/> SoundRec:: SaveSoundBu	70	3	1			1	2
<input type="checkbox"/> ImageObserver:: Notify (co	69	6	5			4	2
<input type="checkbox"/> main	66	7	9			2	7
<input type="checkbox"/> FtpDTP:: ListSend ()	65	5	4			3	3
<input type="checkbox"/> BlinkingFaceLED:: Ready	65	14	11			8	1
<input type="checkbox"/> SoundAgent:: SetPowerAn	64	9	3	13644		3	1
<input type="checkbox"/> EchoClient:: InitTCPConne	63	4	3	13644	.09	1	4
<input type="checkbox"/> SoccerLion:: SendWalkCo	62	14	57	10197	.28	1	3
<input type="checkbox"/> main	60	8	10	0	.16	2	8
<input type="checkbox"/> W3AIBO:: ProcessHTTPRe	60	10	14	17537	.23	6	10
<input checked="" type="checkbox"/> MTNWALKAgent7:: SetJoir	60	2	0	18070	.04	1	1
<input checked="" type="checkbox"/> MTNAgent7:: SetJointGain	60	2	0	18070	.04	1	1
<input checked="" type="checkbox"/> NeutralAgent7:: SetJointC	60	2	0	18070	.04	1	1

The Function Metrics report lists, sorts, compares and ranks all the functions by their software metrics.

The function metrics include a wide range of measures of the size, complexity, and usage of each function.

User specifiable thresholds for each metric determine the color used in displaying the values.