

Quick Reference Guide to Creating Custom SLIM-Estimate Templates				
	Setting to Change	Where found	Result / Benefit	QSM Default Value
GLOBAL OPTIONS	Global options settings apply to all current and logged solutions in the workbook.			
	Monetary Unit	Global Options	SLIM charts and reports display proper monetary units	\$ (US)
	Effort Unit	Global Options	Display effort in a unit that allows meaningful comparisons with your effort and cost reporting systems. See also setting of Person hours per month on the Solution Assumptions Accounting tab to converting months to hours.	PM (Person-Months)
	MTTD Time Unit	Global Options	Used to calculate product quality as a function of system runtime and the number of defects remaining. Indicates how long the product will run between defect occurrences.	Days
	Alternative Name for the Basic Unit of Work	Global Options	Size measure used in SLIM calculations. Equivalent to the most elementary unit of work being performed in product development. Used for benchmarking and history comparison.	SLOC
PROJECT ENVIRONMENT SETTINGS	Project Environment settings apply to all current and logged solutions in the workbook.			
	Function Unit	Project Description Tab / Product Construction	Top level size unit counted for size estimates; a measure of delivered product functionality. Ex: Requirements, Features, Objects, Stories	SLOC
	Gearing Factor	Project Description Tab / Product Construction	Unit conversion between Function Unit and Basic Unit of Work. Expressed as BWU/FU. Ex: 610 SLOC/Story. Often have different GF for various complexity Function Units.	1
	Code is counted after	Project Description Tab / Product Construction	Determines the shape of the code production curves.	Integrated
	Primary Trend Group	Project Description Tab / Trend Group	Establishes default trend lines used in the PI Calculator and on scatter plot charts. May be one of QSM default reference groups, or your own custom trends	QSM All Systems
	Mixed Trend Percentages	Project Description Tab / Trend Group	Select up to three reference groups and supply corresponding percentage of the total system to calibrate the reference trends used in the PI calculator.	Blank; 100% Primary Trend Group
	Operational Runtime Environment	Reliability Tab	Sets required product availability, in hours per day and days per week. Input to MTTD calculation.	8 hours/day; 5 days/week
	Defect Categories	Reliability Tab	Select up to five defect severity categories, change the names, and percent of total expected (on average). Adjusts QSM default defect prediction curves and displays proper units on defect charts	Critical (3), Serious (35), Moderate (29), Tolerable (10), Cosmetic (10)
	Phase Definitions	Phases Tab	Name, Acronym, Description of high level software development phases. SLIM charts and reports display proper life cycle terminology. See also Solution Assumptions Basic Information & Phase Tuning settings	4 Phases
	Milestones Definitions	Milestones Tab	Name, Acronym, Description of software project milestones. Set timing as percentage of associated phase (1-4).	9 Milestones
SOLUTIONS ASSUMPTIONS SETTINGS	Solution Assumptions settings apply only to the currently loaded solution. Logged solutions may have different sets of solution assumptions.			
	Included Phases	Solution Assumptions / Basic Info / Phases	Select the phases to be included for the project. Phase 3 is not optional. Select the Rayleigh curve shape that matches anticipated staffing profile.	4 Phases included
	Expected Total Size	Solution Assumptions / Basic Info / Sizing Calculator	Select default sizing technique, new/modified/unmodified code breakout, and Gearing Factors	Blank
	Phase Tuning	Solution Assumptions / Phase Tuning	Tune the phase start dates, duration, effort, and percent overlap percentages	See QSM Default workbook
	Person hours per person months	Solution Assumptions / Accounting	Set average number of hours a single Full Time Equivalent (FTE) works in a month. Used to convert PHR to PM; SLIM charts and reports reflect proper effort unit.	173 PHR/PM (22 Days/Mo.)
	Labor Rate	Solution Assumptions / Accounting	Enter monetary value equal to average labor rate of a single FTE, expressed as 'Monetary Unit/Effort Unit.'	\$100/PHR (varies by template)