

Using Basic COCOMO model to estimate project parameters

Use the simulator on the right hand side to understand how project type and size affects the different parameters estimated. Quick glance at the formulae:

- **Effort:** $a * (Size)^b$ person-month
- **Tdev :** $2.5 * (Effort)^c$ month
- **No of Developers:** Effort/Tdev

Drag the slider to change the project size. Note: select the nearest discrete value corresponding to the actual size.

Project Type	a	b	c
Embedded	3.6	1.2	0.32
Project size (in KLOC)	<div><div></div><div>425</div></div>		
Effort (in PM)	5132.99		
Tdev (in month)	38.48		
# of developers	133		

As evident from the simulation parameters, size of a semi-detached project is larger than that of an organic project, and size of an embedded project is larger than that of a semi-detached, and thereby affecting factors like effort and development time.

Using Basic COCOMO model to estimate project parameters

Use the simulator on the right hand side to understand how project type and size affects the different parameters estimated. Quick glance at the formulae:

- **Effort:** $a * (Size)^b$ person-month
- **Tdev :** $2.5 * (Effort)^c$ month
- **No of Developers:** Effort/Tdev

Drag the slider to change the project size. Note: select the nearest discrete value corresponding to the actual size.

Project Type	a	b	c
Organic	2.4	1.05	0.38
Project size (in KLOC)	<div><div></div><div></div></div> 28		
Effort (in PM)	79.39		
Tdev (in month)	13.17		
# of developers	6		


As evident from the simulation parameters, size of a semi-detached project is larger than that of an organic project, and size of an embedded project is larger than that of a semi-detached, and thereby affecting factors like effort and development time.

Using Basic COCOMO model to estimate project parameters

Use the simulator on the right hand side to understand how project type and size affects the different parameters estimated. *Quick glance at the formulae:*

- **Effort:** $a * (Size)^b$ person-month
- **Tdev:** $2.5 * (Effort)^c$ month
- **No of Developers:** Effort/Tdev

Drag the slider to change the project size. Note: select the nearest discrete value corresponding to the actual size.

Project Type	a	b	c
Semi-Detached	3	1.12	0.35
Project size (in KLOC)			
Effort (in PM)	239.88		
Tdev (in month)	17.02		
# of developers	14		

As evident from the simulation parameters, size of a semi-detached project is larger than that of an organic project, and size of an embedded project is larger than that of a semi-detached, and thereby affecting factors like effort and development time.