

Squeak! (C:\takasi\doc\skeleton\Skeleton-2004-01-25.image)

The screenshot shows a window titled "Squeak! (C:\takasi\doc\skeleton\Skeleton-2004-01-25.image)". Inside the window, there is a spreadsheet with columns A through G and rows 1 through 13. The word "Skeleton" is written in large letters across rows 4 to 6. A table of data is located in row 9, with the word "wave" in the first cell and numerical values in the others. The text "Easy simulation tool for etoy" is in row 3, and "Takashi Yamamiya" is in row 11. A "Share" button is in the top right, and a "Tools" button is on the right side. At the bottom, there are "Navigator" and "Widgets" buttons, and a small "Skeleton" logo.

	A	B	C	D	E	F	G
1							
2							
3					Easy simulation tool for etoy		
4							
5							
6							
7							
8							
9				wave	-59.960045	280.079909	118.231368
10							
11							
12							
13							

平成15年度未踏ソフトウェア事業
 Testing and Debugging environment in learning environment
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Navigator Widgets Skeleton

Concept

Concept
Declarative (what is)
Imperative (how to)
プログラムの二つの書き方

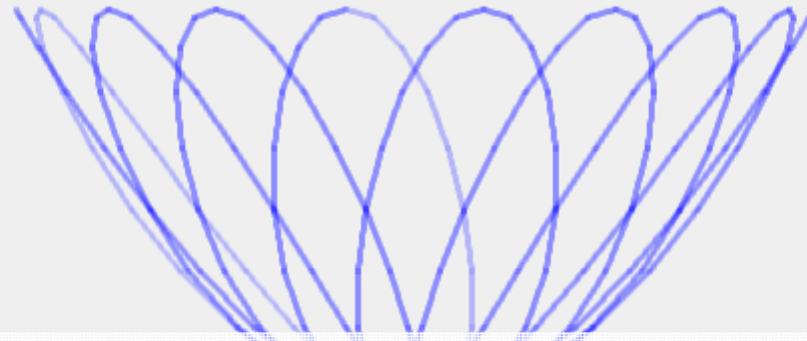
- 宣言的
- 命令的

宣言的に書く事により、
テストやデバッグをしやすい
プログラムを書く事が可能

Etoy + 宣言的 = Skeleton



Composite function



スプレッドシート型のインタフェースにより、宣言的なプログラムを簡単に書く事が出来る。

1						
2	Star's X	Point's X	Point's Y	A	B	L
3	28.0 ●	= (F3 * A3) d	=(F3 * A3) de	4	9	9 ●
4	t	sin(Lt)cos(At)	sin(Lt)sin(Bt)			
5						
6						

