Naming Thread and Current Thread

Naming Thread

The Thread class provides methods to change and get the name of a thread. By default, each thread has a name i.e. thread-0, thread-1 and so on. By we can change the name of the thread by using setName() method. The syntax of setName() and getName() methods are given below:

1. **public String getName():** is used to return the name of a thread.
2. **public void setName(String name):** is used to change the name of a thread.

Example of naming a thread

1. **class** TestMultiNaming1 **extends** Thread{
2. **public** **void** run(){
3. System.out.println("running...");
4. }
5. **public** **static** **void** main(String args[]){
6. TestMultiNaming1 t1=**new** TestMultiNaming1();
7. TestMultiNaming1 t2=**new** TestMultiNaming1();
8. System.out.println("Name of t1:"+t1.getName());
9. System.out.println("Name of t2:"+t2.getName());
11. t1.start();
12. t2.start();
14. t1.setName("Sonoo Jaiswal");
15. System.out.println("After changing name of t1:"+t1.getName());
16. }
17. }

[**Test it Now**](http://www.javatpoint.com/opr/test.jsp?filename=TestMultiNaming1)

Output:Name of t1:Thread-0

Name of t2:Thread-1

id of t1:8

running...

After changeling name of t1:Sonoo Jaiswal

running...

Current Thread

The currentThread() method returns a reference of currently executing thread.

1. **public** **static** Thread currentThread()

Example of currentThread() method

1. **class** TestMultiNaming2 **extends** Thread{
2. **public** **void** run(){
3. System.out.println(Thread.currentThread().getName());
4. }
5. **public** **static** **void** main(String args[]){
6. TestMultiNaming2 t1=**new** TestMultiNaming2();
7. TestMultiNaming2 t2=**new** TestMultiNaming2();
9. t1.start();
10. t2.start();
11. }
12. }

[**Test it Now**](http://www.javatpoint.com/opr/test.jsp?filename=TestMultiNaming2)

Output:Thread-0

Thread-1