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import java.util.Locale;

import org.hyperic.sigar.Sigar;
import org.hyperic.sigar.CpuInfo;
import org.hyperic.sigar.CpuPerc;
import org.hyperic.sigar.SysInfo;

import org.hyperic.sigar.SigarException;

public class TestSigar {

    public static void main( String[] args ) throws SigarException {

        getInformationAbout();
    }

    public static void getInformationAbout() {

        System.out.println( "" );

        Sigar sigar = new Sigar();
        SysInfo sysinf = new SysInfo();

//System.out.println( "java.library.path : " + System.getProperty( "java.library.path" ) );

        System.out.print( "Nom de l'utilisateur : " );
        System.out.println( System.getProperty( "user.name" ) );

        try {
            System.out.print( "Nom de la machine : " );
            System.out.println( sigar.getNetInfo().getHostName() );
        } catch ( SigarException se ) {
            System.out.println( "sigar.getNetInfo> IOException : " + se.getMessage() );
        }

        System.out.print( "Systeme d'exploitation : " );
        System.out.println( System.getProperty( "os.name" ) );
        System.out.println( "" );

        try {
            CpuInfo[] infos = sigar.getCpuInfoList();

            CpuInfo info = infos[ 0 ];

            long cacheSize = info.getCacheSize();
            System.out.println( "Vendor..... " + info.getVendor() );
            System.out.println( "Model..... " + info.getModel() );
            System.out.println( "Mhz..... " + info.getMhz() );
            System.out.println( "Total CPUs..... " + info.getTotalCores() );

            if ( ( info.getTotalCores() != info.getTotalSockets() ) ||
                ( info.getCoresPerSocket() > info.getTotalCores() ) ) {
                System.out.println( "Physical CPUs.. " + info.getTotalSockets() );
                System.out.println( "Cores per CPU.. " + info.getCoresPerSocket() );
            }

        } catch ( SigarException se ) {
            System.out.println( "getCpuInfoList> IOException : " + se.getMessage() );
        }

        System.out.println( "" );

        try {
            System.out.print( "Memoire RAM : " );
            float RAM = sigar.getMem().getRam();
            System.out.format( Locale.FRANCE, "%.2f" , RAM /1024 );
            System.out.println( " Go" );
        } catch ( SigarException se ) {
            System.out.println( "getCpuInfoList> IOException : " + se.getMessage() );
        }

        System.out.println( "" );
    }
}

```

}

}