

```

// Filename : hello_ovm.sv
// Author   : A.G.Raja
// License  : GPL
// Website  : http://agraja.wordpress.com

module tb;
`include "ovm.svh"
class Random extends ovm_transaction;
    rand int num;
    constraint c { num >= 0 && num < 50; }
    function new(string name);
        super.new(name);
    endfunction
endclass

Random r;
initial begin
    r = new("Hello OVM");
    r.print();
    ovm_report_message("APPLIED ELECTRONICS JOURNAL", $sprintf("Hello
World"));
end
endmodule
// End of file hello_ovm.sv

```

One liner to run this in IUS

When OVM library is not installed by default:

1) Set OVMHOME to the root directory where OVM library is installed

setenv OVMHOME /netstar/ag.raja/sv/OVM/ovm-1.1

2.a) IUS 6.2-s003 and IUS 6.2-s004

irun -sv -nowarn PMBDVX -ovmhome \$OVMHOME \$OVMHOME/src/ovm_pkg.sv test.v

2.b) IUS 6.2-s005

irun -sv -ovmhome \$OVMHOME \$OVMHOME/src/ovm_pkg.sv test.v

When OVM is already installed to \$CDS_INST_DIR/tools/ovm

a) IUS 6.2-s003 and IUS 6.2-s004

irun -sv -ovm -nowarn PMBDVX test.v

b) IUS 6.2-s005

irun -sv -ovm test.v