

# ctys-utilities(1)

## basic atom calls

September 29, 2020

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## 1 NAME

ctys-utilities - basic atom calls

## 2 SYNTAX

ctys-utilities

```
ctys-getMasterPid

getCPUinfo
getCurArch
getCurCTYSRel
getCurDistribution
getCurGID
getFSinfo
getGeometry
getHDDinfo
getHDDtemp
getMEMinfo
getCurOS
getCurOSRel
getCurDistribution
getCurRelease
getPerfIDX
getSolarisUUID
getVMinfo

pathlist
```

## 3 DESCRIPTION

**ctys-utilities** is a collection of tiny by tools, which encapsulate some basic system information.

### **getCPUinfo**

Displays CPU information including the HVM and PAE/PARA capabilities.

### **getCurArch**

Displays the current architecture.

### **getCurCTYSRel**

Displays the current release of the UnifiedSessionsManager.

### **getCurDistribution**

Displays the name of the current distribution.

### **getCurGID**

Displays the GID of current user.

### **getFSinfo**

Displays the list and size of current home filesystems on seperate partitions/slices.

### **getGeometry**

Converts the extended format geometryExt for Xinerama addressing to standard geometry values for usage with X11 executables.

```
getGeometry
  [-g <geometryExt>]
  [--geometry=<geometryExt>]

  [-d <debug-args>]
  [-H|--helpEx]
  [-h|--help|-help]
  [-V]
  [-X]
```

The <geometryExt> represents the extended addressing as described by the standard generic parameters for ctys. The output is the calculated absolute address as required for standard executables.

**getHDDInfo**

Displays a list of current HDDs.

**getMEMInfo**

Displays a list of available memory including available swap space.

**getCurOS**

Echoes the name of current OS. Will be used widely for internal execution variant selection during runtime.

**getCurOSRelease**

Echoes the release of current OS. Will be used widely for internal execution variant selection during runtime.

**getCurDistribution**

Echoes the name of current distro. Will be used widely for internal execution variant selection during runtime.

**getCurRelease**

Echoes the release of current distro-release. Will be used widely for internal execution variant selection during runtime.

**getCurOSRel**

Displays the release of current OS.

**getPerfIDX**

Displays a standardized "ctys-index", for comparison of machine performance.

**getSolarisUUID**

Gets the UUID on Solaris.

**getVMInfo**

Displays the VM information, which is either VM or PM.

**pathlist**

Shell interface for "pathSplit" library function, lists each element of common colon separated search paths line by line. Could be used for trouble shooting support when PATH resolution fails.

**ctys-getMasterPid**

Internal call for evaluation of the master pid for a process. This works for detached processes and already running processes too. For additional explanation refer to PROC-FIND-TOP-BOTTOM.

It is a quick-hack, do not rely on it.

## 4 SEE ALSO

system executables *uname(1)*

## 5 AUTHOR

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<<https://github.com/unifiedsessionsmanager>>



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