

ctys-utilities(1)

basic atom calls

November 29, 2010

Contents

1	NAME	2
2	SYNTAX	2
3	DESCRIPTION	2
4	SEE ALSO	4
5	AUTHOR	4
6	COPYRIGHT	4

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 seperated 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

Maintenance: <acue_sf1@sourceforge.net>
Homepage: <<http://www.UnifiedSessionsManager.org>>
Sourceforge.net: <<http://sourceforge.net/projects/ctys>>
Berlios.de: <<http://ctys.berlios.de>>
Commercial: <<http://www.i4p.com>>



6 COPYRIGHT

Copyright (C) 2008, 2009, 2010 Ingenieurbuero Arno-Can Uestuensoez
For BASE package following licenses apply,

- for software see GPL3 for license conditions,
- for documents see GFDL-1.3 with invariant sections for license conditions,

This document is part of the **DOC package**,

- for documents and contents from DOC package see
'Creative-Common-Licence-3.0 - Attrib: Non-Commercial, Non-Deriv'
with optional extensions for license conditions.

For additional information refer to enclosed Releasenotes and License files.

