Oracle Installation and Usage

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August 3, 2020

VERSION: 0.0.1

Abstract

Oracle database installation, client access, maintenance, user configuration, grants, and priviledges.

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Contents

List of Definitions and Abbreviations

- **Instance** - "A database instance is a set of memory structures that manage database files." [1]

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[1] Introduction to the Oracle Database Instance, Oracle Database Instance, Database Concepts, Oracle Database, Release 12.2, https://docs.oracle.com/en/database/oracle/oracle-database/12.2/cncpt/oracle-database-instance.html

Introduction

"There are 3 steps to begin using AWStats:[2]

- I. Setup: Installation and configuration

- II. Process logs: Building/updating statistics database

- III. Run Reports: Building and reading reports

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[2]AWStats Installation, Configuration and Reporting
https://awstats.sourceforge.io

Installation

AWStats v7.3 and v7.7 are installed on the `intdev`[3] server from package.

The installed versions include:

- AWStats v7.3-1

- AWStats v7.7-1.1.el6

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[3]`intdev - dnratwintdev.dnr.state.ak.us` (204.89.222.43)

Instances

[FIXME: Need data here...]

Datafiles

Oracle 12.2.0 running under Windows 10 (64-bit) saves databases as datafiles under
`C:\oracle\oradata\cdb1\pdb1\PDB1\DATAFILE` [4]

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[4]From inspection of Windows 10 filesystem on Monday August 3, 2020.

Examples

Series of useful LaTeX markup. Need to break out to separate examples.tex file.

Escaping < and > Symbols

To get $<$ or $>$ just wrap the symbols in $ for math mode.

Enumerate

1. DNR - Alaska State Department of Natural Resources

   - HI - Historical Index, not maintained since 1982
   - LE - Land Estate, maintained by SGU
   - ME - Mineral Estate, maintaind by SGU

2. Alaska State Surveys

   - ASBLT - As-Built Survey
   - ASCS - Cadastral Survey

Comments

> `COMMENTS` Comment — *Sean Weems, Spring 2003*
> We should get the `COMMENTS` column searchable via the landrecords application before we do much anything else – shouldn't be too hard.

> *Errata: Plats spanning multiple sections*
> A few anomalies can be observed in the `AKPLATS` table. Specifically plats exist that span multiple sections. Since the table only has a single column, `SCODE`, that accepts a single section code, SGU (Status Graphics Unit) has handled this problem by entering multiple rows in the table, each with a different section that point to the same plat or file. Multiple section plats are indicated by setting the `TCODE` column to the value `37`, and making an appropriate notation like *Section 24-25-26-27* in the `REMARKS` column.
> [FIXME: Perhaps the `SCODE` column should accept an array of sections?]

Questions

- Break table column over two rows?

Endnotes

Appendix

Books

Scripts

The following script will loop over the specified awstats log files to load the monthly usage statistics.

Hyperlinks

AWStats repository on GitHub
https://github.com/eldy/awstats

AWStats
From Wikipedia, the free encyclopedia
https://en.wikipedia.org/wiki/AWStats

AWStats Forum
https://sourceforge.net/p/awstats/discussion/43428

AWStats official web site
Free real-time logfile analyzer to get advanced statistics (GNU GPL).
https://awstats.sourceforge.io/

Chapter 2. Analytics and AWStats
Google Analytics 2.0 by Jerri Ledford, Mary E. Tyler
https://www.oreilly.com/library/view/googletm-analytics-20/9780470175019/ch02.html

Chapter 3. Yes! More AWStats!
Yes, There's More
Google Analytics 2.0 by Jerri Ledford, Mary E. Tyler
https://www.oreilly.com/library/view/googletm-analytics-20/9780470175019/ch03.html

Documentation
Latest and most up-to-date
http://www.awstats.org/

Frequently Asked Questions + Troubleshooting
AWStats logfile analyzer 7.7 Documentation
https://awstats.sourceforge.io/docs/awstats_faq.html

How do I get AWStats to analyze old log files?

https://stackoverflow.com/questions/13832701/how-do-i-get-awstats-to-analyze-old-log-files/14850083#14