

Oracle® WebCenter Sites

Database Schema Reference for Analytics

11g Release 1 (11.1.1)

February 2012

Oracle® WebCenter Sites: Database Schema Reference for Analytics, 11g Release 1 (11.1.1)

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About This Guide

This guide contains information about database schema for Oracle WebCenter Sites: Analytics, a demographics application used to collect information about website visitors based on their browsing habits and technologies. This guide describes database tables that store raw data and statistical computations for reporting purposes.

Applications discussed in this guide are former FatWire products. Naming conventions are the following:

- *Oracle WebCenter Sites* is the current name of the product previously known as *FatWire Content Server*. In this guide, *Oracle WebCenter Sites* is also called *WebCenter Sites*.
- *Oracle WebCenter Sites: Analytics* is the current name of the application previously known as *FatWire Analytics*. In this guide, *Oracle WebCenter Sites: Analytics* is also called *Analytics*.

The Analytics application integrates with Oracle WebCenter Sites according to specifications in the *Oracle WebCenter Sites 11g Release 1 (11.1.1.x) Certification Matrix*. For additional information, see the release notes for the Analytics application. Check the WebCenter Sites documentation site regularly for updates to the *Certification Matrix* and release notes.

Audience

This guide is intended for developers who will be creating new reports for the Analytics application or extending its existing reports.

Related Documents

For more information, see the following documents:

- *Oracle WebCenter Sites Installation and Configuration Guide for Analytics*
- *Oracle WebCenter Sites User's Guide for Analytics*
- *Oracle WebCenter Sites Developer's Tutorial for Creating Analytics Reports*

Conventions

The following text conventions are used in this guide:

- **Boldface** type indicates graphical user interface elements that you select.
- *Italic* type indicates book titles, emphasis, or variables for which you supply particular values.
- `Monospace` type indicates file names, URLs, sample code, or text that appears on the screen.
- **Monospace bold** type indicates a command.

Third-Party Libraries

Oracle WebCenter Sites and its applications include third-party libraries. For additional information, see *Oracle WebCenter Sites 11gR1: Third-Party Licenses*.

WebCenter Sites: Analytics Database Schema

- [L3 Tables](#)
- [HELP Tables](#)
- [System Configuration and Maintenance Tables](#)
- [Database Indexes](#)

L3 Tables

Level 3 database tables store statistically processed, aggregated data. When aggregated in advance, the data becomes available on demand at report generation time.

Table names indicate which type of data is stored. For example:

- The table named L3_DATEXSITEXCITYXCOUNT stores *daily* data for a site that is browsed by visitors from a given city.
- The table named L3_WEEKXSITEXCITYXCOUNT stores the same type of data as L3_DATEXSITEXCITYXCOUNT, but for the given week (that is, L3_WEEKXSITEXCITYXCOUNT stores *weekly* data for a site that is browsed by visitors from a given city).
- The table named L3_MONTHXSITEXCITYXCOUNT stores the same type of data as L3_DATEXSITEXCITYXCOUNT, but for the given month (that is, L3_MONTHXSITEXCITYXCOUNT stores *monthly* data for a site that is browsed by visitors from a given city).

Note

The term **object impression** is used throughout this reference. An object impression is a single invocation of the sensor servlet. An object impression can also be thought of as a “snapshot” of raw site visitor data that is captured for analysis. For more information about object impressions, see the *Oracle WebCenter Sites Installation and Configuration Guide for Analytics*.

CS_L3DATEXSITEXOBJXCOUNT

This table stores data for the chart in the “Clickstream” report. It stores the number of clicks that were made from one object to another on a specific date.

| Column Name | Type | Description |
|--------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table to reference the date of the data. |
| SITEID | NUMBER | Foreign key to the SITE table. |
| OBJECTFROMID | NUMBER | From which object. |

| Column Name | Type | Description |
|-------------|--------|-------------------|
| OBJECTOID | NUMBER | To which object. |
| COUNT | NUMBER | Number of clicks. |

L3_DATEXSITEXCITYXCOUNT

Reserved for internal use. This table stores the number of object impressions, sessions, and visitors from a specific city on a specific day. See the [HELP_CITY](#) table for more information.

| Column Name | Type | Description |
|-------------|------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| CITYID | NUMBER | Foreign key to the HELP_CITY table. |
| OICOUNT | NUMBER | Number of object impressions for the day, for the site, for the city. |
| VISCOUNT | NUMBER | Number of visitors for the day, for the site, for the city. |
| SESCOUNT | NUMBER | Number of sessions for the day, for the site, for the city. |

L3_WEEKXSITEXCITYXCOUNT

Reserved for internal use. This table stores the number of object impressions, sessions, and visitors from a specific city on a specific week. See the [HELP_CITY](#) table for more information.

| Column Name | Type | Description |
|-------------|------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| CITYID | NUMBER | Foreign key to the HELP_CITY table. |
| OICOUNT | NUMBER | Number of object impressions for the week for the site, for the city. |
| VISCOUNT | NUMBER | Number of visitors for the week for the site, for the city |
| SESCOUNT | NUMBER | Number of sessions for the week for the site, for the city. |

L3_MONTHXSITEXCITYXCOUNT

Reserved for internal use. This table stores the number of object impressions, sessions, and visitors from a specific city on a specific month. See the [HELP_CITY](#) table for more information.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| CITYID | NUMBER | Foreign key to the HELP_CITY table. |
| OICOUNT | NUMBER | Number of object impressions for the month site, and city. |
| VISCOUNT | NUMBER | Number of visitors for the month, site, and city. |
| SESCOUNT | NUMBER | Number of sessions for the month site, and city. |

L3_DATEXSITEXDLXMIMEXCOUNT

This table stores the number of object impressions for the given object and its MIME type.

| Column Name | Type | Description |
|-------------|--------------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OBJECTID | NUMBER (12) | Foreign key to the L2_OBJECT table. |
| MIMETYPE | VARCHAR2 (32 BYTE) | The MIME type. |
| COUNT | NUMBER | Number of object impressions for the day, for the site, and for the object with that MIME type. |

L3_DATEXSITEXGROUPXOICOUNT

This table stores how often a group was visited (number of object impressions).

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| GROUPID | NUMBER | Foreign key to the L2_GROUP table. |
| COUNT | NUMBER | Number of object impressions. |

L3_DATEXSITEXGROUPXSESCOUNT

This table stores how often a group was visited (number of sessions).

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| GROUPID | NUMBER | Foreign key to the L2_GROUP table. |
| SESCOUNT | NUMBER | Number of sessions. |

L3_DATEXSITEXGROUPXVISCOUNT

This table stores the number of visitors a group receives on a daily basis.

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| GROUPID | NUMBER | Foreign key to the L2_GROUP table. |
| VISCOUNT | NUMBER | Number of visitors. |

L3_WEEKXSITEXGROUPXVISCOUNT

This table stores the number of visitors a group receives on a weekly basis.

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| GROUPID | NUMBER | Foreign key to the L2_GROUP table. |
| VISCOUNT | NUMBER | Number of visitors. |

L3_MONTHXSITEXGROUPXVISCOUNT

This table stores the number of visitors a group receives on a monthly basis.

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| GROUPID | NUMBER | Foreign key to the L2_GROUP table. |
| VISCOUNT | NUMBER | Number of visitors. |

L3_DATEXSITEXREGIONXCOUNT

Reserved for internal use. This table stores the number of object impressions, sessions, and visitors that occur daily for each region.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| REGIONID | NUMBER | Foreign key to the HELP_REGION table. |
| OICOUNT | NUMBER | Number of object impressions from that region on the site for the day. |
| VISCOUNT | NUMBER | Number of visitors from that region on the site for the day. |
| SESCOUNT | NUMBER | Number of sessions from that region on the site for the day. |

L3_WEEKXSITEXREGIONXCOUNT

Reserved for internal use. This table stores the number of object impressions, sessions, and visitors that occur weekly for each region.

| Column Name | Type | Description |
|-------------|------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| REGIONID | NUMBER | Foreign key to the HELP_REGION table. |
| OICOUNT | NUMBER | Number of object impressions from that region on the site for the week. |
| VISCOUNT | NUMBER | Number of visitors from that region on the site for the week. |
| SESCOUNT | NUMBER | Number of sessions from that region, on the site for the week. |

L3_MONTHXSITEXREGIONXCOUNT

Reserved for internal use. This table stores the number of object impressions, sessions, and visitors that occur monthly for each region.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| REGIONID | NUMBER | Foreign key to the HELP_REGION table. |
| OICOUNT | NUMBER | Number of object impressions from that region on the site for the month. |
| VISCOUNT | NUMBER | Number of visitors from that region on the site for the month. |
| SESCOUNT | NUMBER | Number of sessions from that region on the site for the month. |

L3_DATEXSITEXJS

This table stores the number of clients that use JavaScript.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| VALUE | NUMBER | This stores either <code>true</code> or <code>false</code> . |
| COUNT | NUMBER | Number of object impressions with that <code>VALUE</code> . |

L3_DATEXSITEXOBJECTXDURATION

This table stores the length of time that users view an object.

| Column Name | Type | Description |
|-------------|-------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OBJECTID | NUMBER (12) | Foreign key to the L2_OBJECT table. |
| DURATION | NUMBER | Number of seconds until the user called another page. |

| Column Name | Type | Description |
|-------------|--------|--|
| COUNT | NUMBER | Number of data rows from which the duration is calculated. |

L3_DATEXSITEXBROWSERXCOUNT

This table stores the number of sessions a type of browser has completed.

| Column Name | Type | Description |
|-------------|-------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| BROWSERID | NUMBER (12) | Foreign key to the L2_BROWSER table. |
| COUNT | NUMBER | Number of sessions a browser has completed. |

L3_DATEXSITEXCOUNTRYXCOUNT

This table stores aggregated data for each country, for the given date.

| Column Name | Type | Description |
|-------------|-------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| COUNTRYID | NUMBER (12) | Foreign key to the HELP_COUNTRY table. |
| COUNT | NUMBER | Number of sessions for this site, on this date. |
| OICOUNT | NUMBER | Number of object impressions for this site, on this date. |
| VISCOUNT | NUMBER | Number of visitors for this site, on this date. |

L3_WEEKXSITEXCOUNTRYXCOUNT

This table stores aggregated data for each country, for the given week.

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |

| Column Name | Type | Description |
|-------------|-------------|---|
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| COUNTRYID | NUMBER (12) | Foreign key to the HELP_COUNTRY table. |
| COUNT | NUMBER | Number of sessions for this site, within this week. |
| OICOUNT | NUMBER | Number of object impressions for this site, within this week. |
| VISCOUNT | NUMBER | Number of visitors for this site, within this week. |

L3_MONTHXSITEXCOUNTRYXCOUNT

This table stores aggregated data for each country, for the given month.

| Column Name | Type | Description |
|-------------|-------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| COUNTRYID | NUMBER (12) | Foreign key to the HELP_COUNTRY table. |
| COUNT | NUMBER | Number of sessions for this site, on this date. |
| OICOUNT | NUMBER | Number of object impressions for this site, on this date. |
| VISCOUNT | NUMBER | Number of visitors for this site, on this date. |

L3_DATEXSITEXENTRYIDXCOUNT

This table stores entry page data for the given date.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OBJECTID | NUMBER | Foreign key to the L2_OBJECT table. |
| COUNT | NUMBER | How often this object was used as an entry page. |

L3_DATEXSITEXEXITIDXCOUNT

This table stores exit page data for the given date.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OBJECTID | NUMBER | Foreign key to the L2_OBJECT table. |
| COUNT | NUMBER | How often this object was used as an exit page. |

L3_DATEXSITEXHOSTNAMEXCOUNT

This table stores the number of sessions for the given host name on the given date.

| Column Name | Type | Description |
|-------------|--------------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| HOSTNAME | VARCHAR2 (64 BYTE) | Name of the host. |
| COUNT | NUMBER | Number of sessions for this host. |

L3_DATEXSITEXINTERNALSEARCH

This table stores aggregated data of internal searches for the given date.

| Column Name | Type | Description |
|-----------------|----------------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| QUERY | VARCHAR2 (2049 BYTE) | Query string that was searched. |
| COUNT | NUMBER | How often the query was searched. |
| AVGHITS | NUMBER | Average number of search results. |
| MAXHITS | NUMBER | Maximum number of search results. |
| MINHITS | NUMBER | Minimum number of search results. |
| AVGMAXSCORE | NUMBER | Average maximum score. |
| MINSORE | NUMBER | Minimum score. |
| MAXSCORE NUMBER | NUMBER | Maximum score. |

| Column Name | Type | Description |
|--------------|--------|--|
| OBJECTTYPEID | NUMBER | Foreign key to L2_OBJECTTYPE of the query. |

L3_DATEXSITEXIPXCOUNT

This table stores the number of sessions for the given IP address and date.

| Column Name | Type | Description |
|-------------|--------------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| IP | VARCHAR2 (15 BYTE) | IP address. |
| COUNT | NUMBER | Number of sessions for the IP address on the site for the day. |

L3_DATEXSITEXISPCOUNT

This table stores for each ISP daily the number of object impressions, sessions and visitors.

| Column Name | Type | Description |
|-------------|-----------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER(6) | Foreign key to the SITE table. |
| ISPID | NUMBER | Foreign key to the HELP_ISP table. |
| OICOUNT | NUMBER | Number of object impressions for that ISP on that site on that day. |
| VISCOUNT | NUMBER | Number of visitors for that ISP on that site on that day. |
| SESCOUNT | NUMBER | Number of sessions for that ISP on that site on that day. |

L3_WEEKXSITEXISPCOUNT

This table stores for each ISP weekly the number of object impressions, sessions and visitors.

| Column Name | Type | Description |
|-------------|--------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |

| Column Name | Type | Description |
|-------------|-----------|--|
| SITEID | NUMBER(6) | Foreign key to the SITE table. |
| ISPID | NUMBER | Foreign key to the HELP_ISP table. |
| OICOUNT | NUMBER | Number of object impressions for that ISP on that site on that week. |
| VISCOUNT | NUMBER | Number of visitors for that ISP on that site on that week. |
| SESCOUNT | NUMBER | Number of sessions for that ISP on that site on that week. |

L3_MONTHXSITEXISPCOUNT

This table stores for each ISP monthly the number of object impressions, sessions and visitors.

| Column Name | Type | Description |
|-------------|-----------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER(6) | Foreign key to the SITE table. |
| ISPID | NUMBER | Foreign key to the HELP_ISP table. |
| OICOUNT | NUMBER | Number of object impressions for that ISP on that site on that month. |
| VISCOUNT | NUMBER | Number of visitors for that ISP on that site on that month. |
| SESCOUNT | NUMBER | Number of sessions for that ISP on that site on that month. |

L3_DATEXSITEXOBJECTTYPEXCOUNT

This table stores aggregated data for each object type for the given date and hour.

| Column Name | Type | Description |
|--------------|-------------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OBJECTTYPEID | NUMBER (12) | Foreign key to the L2_OBJECTTYPE table. |
| COUNT | NUMBER | Number of object impressions of that object type for the site, for the day in that hour. |
| HOUR | VARCHAR2 (2 BYTE) | Hour of the object impressions. |

L3_DATEXSITEXOBJECTXCOUNT

This table stores aggregated data for each object, for the given date.

| Column Name | Type | Description |
|-------------|-------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OBJECTID | NUMBER (12) | Foreign key to the L2_OBJECT table. |
| COUNT | NUMBER | Number of object impressions. |

L3_AUDIT_TRAIL

This table provides audit trail tracking of asset modifications.

| Column Name | Type | Description |
|-------------|---------------|--|
| DATEID | NUMBER | Foreign key in the HELP_DATES table. |
| OBJECTID | NUMBER | Asset identifier. |
| SITEID | NUMBER | Foreign key in the SITE table. |
| CSUSERID | VARCHAR2(255) | User name of the WebCenter Sites user. |
| OPTYPE | VARCHAR2(255) | Type of operation: CREATE EDIT DELETE |
| TIMESTAMP | DATE | When the modification occurred. |

L3_DATEXSITEXOPTYPEXCOUNT

This table stores the number of daily asset modifications.

| Column Name | Type | Description |
|-------------|---------------|--|
| DATEID | NUMBER | Foreign key in the HELP_DATES table. |
| SITEID | NUMBER | Foreign key in the SITE table. |
| OPTYPE | VARCHAR2(255) | Type of operation: CREATE EDIT DELETE |
| COUNT | NUMBER | Number of incidents. |

L3_WEEKXSITEXOPTYEXCOUNT

This table stores the number of weekly asset modifications.

| Column Name | Type | Description |
|-------------|---------------|--|
| DATEID | NUMBER | Foreign key in the HELP_DATES table. |
| SITEID | NUMBER | Foreign key in the SITE table. |
| OPTYPE | VARCHAR2(255) | Type of operation: CREATE EDIT DELETE |
| COUNT | NUMBER | Number of incidents. |

L3_MONTHXSITEXOPTYEXCOUNT

This table stores the number of monthly asset modifications.

| Column Name | Type | Description |
|-------------|---------------|--|
| DATEID | NUMBER | Foreign key in the HELP_DATES table. |
| SITEID | NUMBER | Foreign key in the SITE table. |
| OPTYPE | VARCHAR2(255) | Type of operation: CREATE EDIT DELETE |
| COUNT | NUMBER | Number of incidents. |

L3_DATEXSITEXOSXCOUNT

This table stores the number of sessions for each operating system, for the given date.

| Column Name | Type | Description |
|-------------|-------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| OSID | NUMBER (12) | Foreign key to the L2_OS table. |
| COUNT | NUMBER | Number of sessions for the operating system. |

L3_DATEXSITEXREFERERXCOUNT

This table stores the number of sessions for each referrer URL, for the given date.

| Column Name | Type | Description |
|-------------|---------------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| REFERER | VARCHAR2 (500 BYTE) | The referrer URL. |
| COUNT | NUMBER | Number of sessions from the referrer URL. |

L3_DATEXSITEXSCREENRESXCOUNT

This table stores the number of sessions for each screen resolution, for the given date.

| Column Name | Type | Description |
|--------------------|-------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| SCREENRESOLUTIONID | NUMBER (12) | Screen resolution as a single number VVVVHHHH, where VVVV is vertical resolution, and HHHH is horizontal resolution. |
| COUNT | NUMBER | Number of sessions with that screen resolution. |

L3_DATEXSITEXSESSION

This table stores session information for each site, for the given date.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| AVG | NUMBER | Average duration of all sessions included in the line. |

| Column Name | Type | Description |
|-----------------|--------|---|
| DURATIONQUANTIL | NUMBER | <ul style="list-style-type: none"> Null for sessions without a valid session ID. 0 for sessions with a length of 0 seconds. 1 for sessions between 1 and 30 seconds. 30 for sessions between 30 and 120 seconds. 120 for sessions between 120 and 300 seconds. 300 for sessions between 300 and 900 seconds. 900 for sessions between 900 and 1800 seconds. 1800 for sessions between 1,800 and 3,600 seconds. 3600 for sessions between 3,600 and 86,400 seconds. |
| QUANTILCOUNT | NUMBER | Number of sessions in the quantile. |
| PICOUNT | NUMBER | Number of object impressions in the quantile. |

L3_DATEXSITEXSESSIONXQUANTIL

This table stores session information based on quantile.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| SUM | NUMBER | Number of sessions. |
| AVG | NUMBER | Average duration of these sessions. |
| QUAN0 | NUMBER | Number of sessions with a length of '0'. |
| QUAN0AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN1 | NUMBER | Number of sessions with a length between 1 and 30 seconds. |
| QUAN1AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN30 | NUMBER | Number of sessions with a length between 31 and 120 seconds (2 minutes). |

| Column Name | Type | Description |
|--------------|--------|---|
| QUAN30AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN120 | NUMBER | Number of sessions with a length between 121 and 300 seconds (5 minutes). |
| QUAN120AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN300 | NUMBER | Number of sessions with a length between 301 and 900 seconds (15 minutes). |
| QUAN300AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN900 | NUMBER | Number of sessions with a length between 901 and 1800 seconds (30 minutes). |
| QUAN900AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN1800 | NUMBER | Number of sessions with a length between 1801 and 3600 seconds (one hour). |
| QUAN1800AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN3600 | NUMBER | Number of sessions with a length between 3601 and 86400 seconds (one week). |
| QUAN3600AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUAN86400 | NUMBER | Number of sessions with a length exceeding 86400 seconds (more than one week). |
| QUAN86400AVG | NUMBER | Average duration of all sessions from this quantile. |
| QUANNULL | NUMBER | Number of sessions with a length of '0' and a SESSIONID of null (no cookie sessions). |
| QUANNULLAVG | NUMBER | Reserved for internal use. |
| PICOUNT | NUMBER | Number of object impressions in the quantile. |

L3_DATEXSITEXSEXKEYWORDXCOUNT

This table stores the daily number of sessions that start with a given keyword.

| Column Name | Type | Description |
|----------------|---------------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| SEARCHENGINEID | NUMBER | Foreign key to the L2_SEARCHENGINE table. |
| KEYWORD | VARCHAR2 (128 BYTE) | The search phrase. |
| COUNT | NUMBER | Number of sessions started with the referrer and the phrase from the search engine. |

L3_DATEXSITEXVISITORXCOUNT

This table stores the daily number of sessions for each visitor.

| Column Name | Type | Description |
|-------------|------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| COUNT | NUMBER | Number of visitors to the site for the day. |
| SESCOUNT | NUMBER | Number of sessions for the site for the day. |
| PICOUNT | NUMBER | Number of object impressions on the site for the day. |
| NEW | NUMBER | Number of new visitors on the site for the day. |

L3_WEEKXSITEXVISITORXCOUNT

This table stores the weekly number of sessions for each visitor.

| Column Name | Type | Description |
|-------------|------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| COUNT | NUMBER | Number of visitors on the site for the week |

| Column Name | Type | Description |
|-------------|--------|--|
| SESCOUNT | NUMBER | Number of sessions on the site for the week. |
| PICOUNT | NUMBER | Number of object impressions on the site for the week. |
| NEW | NUMBER | Number of visitors on the site for the week. |

L3_MONTHXSITEXVISITORXCOUNT

This table stores the monthly number of sessions for each visitor.

| Column Name | Type | Description |
|-------------|------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER (6) | Foreign key to the SITE table. |
| COUNT | NUMBER | Number of visitors on the site for the month. |
| SESCOUNT | NUMBER | Number of sessions on the site for the month. |
| PICOUNT | NUMBER | Number of object impressions on the site for the month. |
| NEW | NUMBER | Number of new visitors on the site for the month. |

REC_L3_RECXCOUNT

This table stores the number of recommendations that were displayed and clicked on a given day.

| Column Name | Type | Description |
|-------------|-------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER | Foreign key to the SITE table. |
| RECID | NUMBER (6) | Foreign key to the REC_RECOMMENDATION table. |
| VIEWCOUNT | NUMBER (12) | Number of times the recommendation was displayed. |
| CLICKCOUNT | NUMBER (12) | Number of times the recommendation was clicked. |

REC_L3_RECXSEGXCOUNT

This table stores the number of recommendations that were displayed and clicked by a given segment on a given day.

| Column Name | Type | Description |
|-------------|-------------|---|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER | Foreign key to the SITE table. |
| RECID | NUMBER (6) | Foreign key to the REC_RECOMMENDATION table. |
| SEGID | NUMBER (6) | Foreign key to the REC_SEGMENT table. |
| VIEWCOUNT | NUMBER (12) | Number of times the recommendation was displayed by that segment. |
| CLICKCOUNT | NUMBER (12) | Number of times the recommendation was clicked by that segment. |

REC_L3_RECXSEGXOBJXCOUNT

This table stores the number of times an object was accessed on a given day by a specific segment of a specific recommendation.

| Column Name | Type | Description |
|-----------------|-------------|--|
| DATEID | NUMBER | Foreign key to the HELP_DATES table. |
| SITEID | NUMBER | Foreign key to the SITE table. |
| RECID | NUMBER (6) | Foreign key to the REC_RECOMMENDATION table. |
| SEGID | NUMBER (6) | Foreign key to the REC_SEGMENT table. |
| OBJID | NUMBER (24) | Foreign key to the L2_OBJECT table. |
| OBJVIEWEDCOUNT | NUMBER (12) | How often the object was displayed during a recommendation list. |
| OBJCLICKEDCOUNT | NUMBER (12) | How often the object was clicked during a recommendation list. |

HELP Tables

Tables in this section store static data that is used by various jobs and reports. The tables are populated at installation time.

HELP_CITY

Reserved for internal use.

| Column Name | Type | Description |
|-------------|---------------|--|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64) | Name of the city. |
| REGIONID | NUMBER | Foreign key to the HELP_REGION table. |
| COUNTRYID | NUMBER | Foreign key to the HELP_COUNTRY table. |

HELP_REGION

Reserved for internal use.

| Column Name | Type | Description |
|-------------|---------------------|--|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (128 BYTE) | Name of the region. |
| COUNTRYID | NUMBER | Foreign key to the HELP_COUNTRY table. |
| REGIONCODE | VARCHAR2 (2) | Foreign key to the HELP_REGION table. |

HELP_COUNTRY

This table stores detailed information about countries.

| Column Name | Type | Description |
|-------------|--------------------|----------------------------|
| ID | NUMBER | The primary key. |
| CODE | VARCHAR2 (5 BYTE) | Two-letter country code. |
| NAME | VARCHAR2 (50 BYTE) | Country name |
| COUNTRY | VARCHAR2(50) | This column is not used. |
| POPULATION | NUMBER (14) | Population of the country. |

HELP_DATES

This table has one entry for each day. It is used and referenced for performance reasons.

| Column Name | Type | Description |
|-------------|--------------------|--------------------------------|
| ID | NUMBER | The primary key. |
| DAT | DATE | The date (midnight). |
| STRDAT | VARCHAR2 (10 BYTE) | The date as yyyy-mm-dd string. |

HELP_HOURS

This table has one entry for hour (00–23). It is used and referenced for performance reasons.

| Column Name | Type | Description |
|-------------|-------------------|--|
| HOUR | NUMBER | The hour (0-based). |
| STRHOUR | VARCHAR2 (2 BYTE) | A String representing an hour (any value between 00 and 23). |

HELP_ISP

This tables stores all available ISP in the Internet Service Provider report.

| Column Name | Type | Description |
|-------------|---------------|------------------|
| ID | NUMBER | Primary key. |
| NAME | VARCHAR2(255) | Name of the ISP. |

System Configuration and Maintenance Tables

Tables in this section are used to configure and maintain the system.

ACCESSRIGHT

This table defines access rights. A user gains access when one of its user groups has access to reports on the site.

| Column Name | Type | Description |
|-------------|-------------|---|
| ID | NUMBER (12) | The primary key. |
| SITE | NUMBER (12) | Foreign key to the SITE table. |
| REPORT | NUMBER (12) | Foreign key to the REPORT table. |
| USERGROUP | NUMBER (12) | Foreign key to the USERGROUP table. |

BROWSERGROUP

This table stores the names of browser groups. For example, group “Internet Explorer” includes Internet Explorer 6 and 7. Each browser is individually listed in the [L2_BROWSER](#) table.

| Column Name | Type | Description |
|-------------|--------------------|---|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64 BYTE) | Name of the group. Legal values: Any value up to 64 characters. |

BROWSERIDENTIFICATION

This table is used to identify browsers based on the browser's agent string. If the agent string contains the pattern of an entry for this table, then the agent is assigned to the browser. If an agent string matches more than one record of this table, the record with the highest priority is taken.

| Column Name | Type | Description |
|-------------|--------------------|--|
| ID | INTEGER | The primary key. |
| BROWSERID | INTEGER | Foreign key to an L2_BROWSER record which assigns the agent to a browser if the pattern applies. |
| PATTERN | VARCHAR2 (50 BYTE) | The pattern to identify the browser with. |
| PRIORITY | INTEGER | The priority to use if an agent string applies to more than one record. |

IP2COUNTRYCITY_BLOCKS

Reserved for internal use. This table stores information related to an IP address.

| Column Name | Type | Description |
|-------------|--------|--|
| IPFROM | NUMBER | Limit this information for addresses above this value. |
| IPTO | NUMBER | Limit this information for addresses below this value. |
| LOCATIONID | NUMBER | This column is not used. |
| COUNTRYID | NUMBER | Foreign key to a HELP_COUNTRY record for a given IP address. |
| CITYID | NUMBER | Foreign key to a HELP_CITY record for a given IP address. |
| REGIONID | NUMBER | Foreign key to a HELP_CITY record for a given IP address. |
| ISPID | NUMBER | Used for custom report development only. |

IP2ISP_BLOCKS

This tables stores information related to an IP address.

| Column Name | Type | Description |
|-------------|---------------|---|
| IPFROM | NUMBER | Limit this information for addresses above this value. |
| IPTO | NUMBER | Limit this information for addresses below this value. |
| ISPID | NUMBER | Foreign key to a HELP_ISP record to which the IP address belongs. |
| ISPNAME | VARCHAR2(255) | Internet Service Provider name. |

IPQUICKLIST

This table caches information calculated from the [IP2COUNTRYCITY_BLOCKS](#) table for fast access.

| Column Name | Type | Description |
|-------------|--------|--|
| IP | NUMBER | The IP address the information is related to. |
| ISPID | NUMBER | Used for custom report development only. |
| REGIONID | NUMBER | Foreign key to a HELP_REGION record that the IP address belongs to. |
| CITYID | NUMBER | Foreign key to a HELP_CITY record that the IP address belongs to. |
| COUNTRYID | NUMBER | Foreign key to a HELP_COUNTRY record that the IP address belongs to. |

ESAUSER

This table stores all valid users who are able to log in to Analytics.

| Column Name | Type | Description |
|-------------|---------------------|---------------------------------|
| ID | NUMBER | The primary key. |
| USERNAME | VARCHAR2 (255 BYTE) | The username to log in. |
| FIRSTNAME | VARCHAR2 (255 BYTE) | First name of the user. |
| LASTNAME | VARCHAR2 (255 BYTE) | Fast name of the user. |
| PASSWORD | VARCHAR2 (255 BYTE) | Password of the user (md5hash). |

| Column Name | Type | Description |
|---------------|--------|--|
| DISABLED | NUMBER | Specifies whether the user account is disabled. |
| DELETED | NUMBER | Disables the account. |
| ISADMIN | NUMBER | Defines if the user is able to use the administrator's interface. Use 1 to allow this. |
| DEFAULTSITEID | NUMBER | Foreign key to a SITE record to use when the user logs in. |

IP2COUNTRY

This table stores the IP to country mappings.

| Column Name | Type | Description |
|-------------|--------------------|--|
| IPFROM | NUMBER (16) | The start IP address of the mapping. |
| IPTO | NUMBER (16) | The end IP address of the mapping. |
| REGISTRY | VARCHAR2 (16 BYTE) | Reserved for internal use. |
| ASSIGNED | VARCHAR2 (16 BYTE) | Reserved for internal use. |
| CTRY | VARCHAR2 (16 BYTE) | Reserved for internal use. |
| CNTRY | VARCHAR2 (16 BYTE) | Reserved for internal use. |
| COUNTRY | VARCHAR2 (32 BYTE) | Foreign key to the HELP_COUNTRY table. |

OBJECTTYPEGROUP

This table defines object type groups.

| Column Name | Type | Description |
|-------------|--------------------|--------------------------------|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64 BYTE) | Name of the object type group. |

SETTING

This table stores various settings in a `key=value` schema, which are used by database jobs or other parts of the application.

| Column Name | Type | Description |
|-------------|---------------------|----------------------|
| NAME | VARCHAR2 (255 BYTE) | Name of the setting. |

| Column Name | Type | Description |
|-------------|---------------------|-----------------------|
| VALUE | VARCHAR2 (255 BYTE) | Value of the setting. |
| ID | NUMBER | The primary key. |

OSGROUP

This table stores the names of operating system groups. For example, group “Windows NT” contains Windows NT4, 2000, and XP. Each operating system is individually listed in the [L2_OS](#) table.

| Column Name | Type | Description |
|-------------|--------------------|--|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64 BYTE) | Name of the group. Legal values: Any string up to 64 characters. |
| ICONPATH | VARCHAR2 (64 BYTE) | Name and path of the icon shown in the “Operating Systems” report. This path is appended to the <code>IMGPATH</code> parameter which is defined in the <code>global.xml</code> configuration file. |

OSIDENTIFICATION

This table is used to identify operating systems based on the browser’s agent string. If the agent string contains the pattern of an entry in this table, the agent is assigned to the operating system. If an agent string matches more than one record in this table, the record with the highest priority is taken.

| Column Name | Type | Description |
|-------------|--------------------|---|
| ID | INTEGER | The primary key. |
| OSID | INTEGER | Foreign key to an L2_OS record to the operating system the agent is assigned to if the pattern applies. |
| PATTERN | VARCHAR2 (50 BYTE) | The pattern to identify the operating system. |
| PRIORITY | INTEGER | The priority to use if an agent string applies to more than one record. |

REC_RECOMMENDATION

This table defines all recommendations for the Engage reports.

| Column Name | Type | Description |
|------------------|---------------------|---|
| ID | NUMBER (6) | The primary key. |
| NAME | VARCHAR2 (125 BYTE) | Name of the recommendation. |
| DELETED | NUMBER (1) | Marks the record as deleted. (0= false, 1= true). |
| SITEID | NUMBER (12) | Foreign key to the SITE table to match this recommendation to a site. |
| RECOMMENDATIONID | VARCHAR2 (21 BYTE) | The WebCenter Sites recommendation asset ID of this recommendation. |
| DISABLED | NUMBER (1) | Must be set to '0'. Reserved for internal use. |

REC_SEGMENT

This table defines all segments for the Engage reports.

| Column Name | Type | Description |
|-------------|---------------------|---|
| ID | NUMBER (6) | The primary key. |
| NAME | VARCHAR2 (124 BYTE) | Name of the segment. |
| DELETED | NUMBER (1) | Mark this record as deleted. ('0'= False, '1'= True). |
| SITEID | NUMBER (12) | Foreign key to the SITE table, to match this segment to a site. |
| SEGMENTID | VARCHAR2 (21 BYTE) | The WebCenter Sites segment asset ID of this segment. |
| DISABLED | NUMBER (1) | Must be set to '0'. Reserved for internal use. |

REPORT

Reports are defined in this table (one line per report).

| Column Name | Type | Description |
|-------------|---------------------|---------------------|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR2 (256 BYTE) | Name of the report. |

| Column Name | Type | Description |
|-------------|---------------------|--|
| CONFIGPATH | VARCHAR2 (256 BYTE) | This points to the XML configuration file of the report that is relative to the REPORT_INSTDIR parameter in the global.xml configuration file. |

REPORT2REPORTGROUP

This table stores the assignment of a report to its group in the report selection panel.

| Column Name | Type | Description |
|-------------|-------------|--|
| ID | NUMBER (12) | The primary key. |
| REPORT | NUMBER (12) | Foreign key to the REPORT table. |
| REPORTGROUP | NUMBER (12) | Foreign key to the REPORTGROUP record. |

REPORTGROUP

This table defines the report groups that are available in the report selection panel.

| Column Name | Type | Description |
|-------------|--------------------|---|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR2 (32 BYTE) | Name of the group. |
| PRIORITY | NUMBER | The priority of the group. If a report is assigned to more than one group, then the group with the highest priority is used by default. |

REPORTPARAMETER

This table stores additional parameters to a report in a key=value schema.

| Column Name | Type | Description |
|-------------|---------------------|---|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (128 BYTE) | Name of the parameter. |
| VALUE | VARCHAR2 (128 BYTE) | Value of the parameter. |
| REPORTID | NUMBER | Foreign key to a REPORT record. |

SEARCHENGINEGROUP

This table stores the names of search engine groups (for example, group “Google” contains `google.com/.ca/.de`). Each search engine is individually listed in the [L2_SEARCHENGINE](#) table.

| Column Name | Type | Description |
|-------------|--------------------|---|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64 BYTE) | Name of the group. Legal values: Any value up to 64 characters. |
| ICONPATH | VARCHAR2 (64 BYTE) | Name and path of the icon shown in the search engine report. This path is appended to the <code>imgpath</code> parameter defined in the <code>global.xml</code> configuration file. |

SEARCHENGINEIDENT

This table is used to identify search engine referrers. If the referrer contains the pattern of an entry for this table, the session is assigned to the search engine. If a referrer’s string matches more than one record in this table, the record with the highest priority is taken.

| Column Name | Type | Description |
|----------------|--------------------|--|
| ID | INTEGER | The primary key. |
| SEARCHENGINEID | INTEGER | Foreign key to an L2_SEARCHENGINE record for the search engine to which the session is assigned, if the pattern applies. |
| PRIORITY | INTEGER | The priority to use if a referrer string applies to more than one record. |
| PATTERN | VARCHAR2 (50 BYTE) | The pattern to identify the search engine. |

SITE

This table stores all registered sites.

| Column Name | Type | Description |
|-------------|--------------------|--|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64 BYTE) | Name of the site written exactly as collected from the <code>image</code> tag. |

| Column Name | Type | Description |
|--------------|---------------------|--|
| LINK | VARCHAR2 (256 BYTE) | URL of the site starting with <code>http://</code> . This URL will be used to link to the site from Analytics and to identify the internal referrer. |
| SCREENX | NUMBER | The screen width that the site is designed for. This is used for the "Screen Resolution" report. |
| SITEGROUPID | NUMBER | This column is used for custom reports only. |
| COUNTRYID | NUMBER | Foreign key to the HELP_COUNTRY record for the site. |
| STARTDATE | DATE | Stores the date when the site was registered with Analytics. |
| LONGNAME | VARCHAR2 (64 BYTE) | This is an optional, longer, more readable name for the site. |
| USERIDMETHOD | VARCHAR2 (64 BYTE) | Defines how to identify users. |
| DELETED | NUMBER (1) | This column is not used. |
| DISABLED | NUMBER (1) | This column is not used. |

SITE2OBJECTTYPEGROUP

This table defines which object types are part of which object type group. This setting is site specific.

| Column Name | Type | Description |
|-------------------|--------|---|
| ID | NUMBER | The primary key. |
| SITEID | NUMBER | Foreign key to a SITE record. |
| OBJECTTYPEGROUPID | NUMBER | Foreign key to the OBJECTTYPEGROUP table. |
| OBJECTTYPEID | NUMBER | Foreign key to an L2_OBJECTTYPE record. |

SITEGROUP

This table is used by custom reports only.

| Column Name | Type | Description |
|-------------|--------------------|-------------------------|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (64 BYTE) | Name of the site group. |

PI_SITEXOBJECTTYPE

This table defines whether the performance indicator is enabled for a site's object type.

| Column Name | Type | Description |
|--------------|-------------|--|
| ID | NUMBER (21) | The primary key. |
| SITEID | NUMBER (21) | Foreign key to a SITE record. |
| OBJECTTYPEID | NUMBER (12) | Foreign key to an L2_OBJECTTYPE record. |
| ENABLE | NUMBER (1) | This defines if the performance indicator is enabled: '0' for false, '1' for true. |

USER2USERGROUP

This table stores [ESAUUSER](#) to [USERGROUP](#) relations.

| Column Name | Type | Description |
|-------------|-------------|--|
| ID | NUMBER (12) | The primary key. |
| ESAUUSER | NUMBER (12) | Foreign key to an ESAUUSER record. |
| USERGROUP | NUMBER (1) | Foreign key to a USERGROUP record. |

USERGROUP

This table defines user groups.

| Column Name | Type | Description |
|-------------|--------------------|-------------------------|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR (128 BYTE) | Name of the user group. |

L2_BROWSER

This table stores information about all known browsers used by the "Browsers" report.

| Column Name | Type | Description |
|----------------|---------------------|---|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR2 (500 BYTE) | Name of the browser. |
| BROWSERGROUPID | NUMBER | Foreign key to the BROWSERGROUP table. Reserved for internal use. |

| Column Name | Type | Description |
|-------------|--------------------|----------------------------|
| ICONPATH | VARCHAR2 (64 BYTE) | Image path of the browser. |

L2_GROUP

This table is used by custom reports only.

| Column Name | Type | Description |
|-------------|----------------------|--|
| ID | NUMBER | The primary key. |
| NAME | VARCHAR2 (255 BYTE) | Name of the group. |
| PATH | VARCHAR2 (1024 BYTE) | The path string of the group. |
| PARENTID | NUMBER | The parent node, which is the foreign key to the L2_GROUP table. |
| EDATE | DATE | Date when added. |
| SITEID | NUMBER | Foreign key to the SITE table. |

L2_OBJECT

This table stores information about all objects (assets). This table is populated on demand by the “normalize” database job.

| Column Name | Type | Description |
|--------------|---------------------|---|
| ID | NUMBER (12) | The primary key. |
| OBJECTTYPEID | NUMBER (24) | Foreign key to the L2_OBJECTTYPE table. |
| NAME | VARCHAR2 (255 BYTE) | Name of the object (asset). This value will be updated as soon as it changes. |
| OBJECTID | VARCHAR2 (255 BYTE) | The identification string of the object. Usually this is the WebCenter Sites <code>AssetID</code> . |
| URL | VARCHAR2 (256 BYTE) | The URL to link to this object. |
| SITEID | NUMBER | Foreign key to the SITE table. |

L2_OBJECTNAMEHISTORY

This table stores the previous names of the [L2_OBJECT](#) records.

| Column Name | Type | Description |
|-------------|---------------------|---|
| ID | NUMBER (12) | The primary key. |
| OBJECTID | NUMBER (24) | Foreign key to the L2_OBJECT table. |
| EDATE | DATE | The timestamp when the name was changed. |
| NAME | VARCHAR2 (255 BYTE) | The previous value. |

L2_OBJECTTYPE

This table stores the names of all object types. These object types are referred to as “asset types” in WebCenter Sites.

| Column Name | Type | Description |
|-------------|---------------------|--------------------------|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR2 (128 BYTE) | Name of the object type. |
| DISABLED | NUMBER (1) | This column is not used. |
| DELETED | NUMBER (1) | This column is not used. |

L2_OS

This table defines the operating systems in the “Operating Systems” report.

| Column Name | Type | Description |
|-------------|---------------------|---|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR2 (512 BYTE) | Name of the operating system. |
| OSGROUPID | NUMBER | Foreign key to the OSGROUP table. |

L2_PIOBJECTTYPE

This table defines the sites and object types for which the performance indicator is enabled.

| Column Name | Type | Description |
|-------------|--------|--|
| SITEID | NUMBER | Foreign key to the site to enable the performance indicator. |

| Column Name | Type | Description |
|-------------|--------|--|
| OBJECTYPEID | NUMBER | Foreign key to the L2_OBJECTTYPE table, to enable the performance indicator. |

L2_SEARCHENGINE

This table stores information about search engines that are used by the “External Search Engines” report.

| Column Name | Type | Description |
|---------------------|---------------------|---|
| ID | NUMBER (12) | The primary key. |
| NAME | VARCHAR2 (512 BYTE) | Name of the search engine. |
| SEARCHENGINEGROUPID | NUMBER | Foreign key to the SEARCHENGINEGROUP table. |
| KEY | VARCHAR2 (16 BYTE) | Name of the parameter. |

L2_VISITOR

This table stores visitors.

| Column Name | Type | Description |
|-------------|---------------------|---------------------------------------|
| ID | NUMBER(12) | Primary key. |
| VISITORID | VARCHAR2(1024 BYTE) | Unique visitor identification string. |

TASKSTATUSHISTORY

This table is used to maintain information about work packages as they are processed by the Hadoop-jobs scheduler.

| Column Name | Type | Description |
|--------------------|----------------|------------------------------------|
| IDENTIFIER | VARCHAR2(255) | Job name identifier. |
| ENDDATE | VARCHAR2(128) | Date and time job ended or failed. |
| INTERNALIDENTIFIER | VARCHAR2(255) | Internal Hadoop job ID. |
| STARTDATE | VARCHAR2(128) | Date and time job started. |
| STATUS | VARCHAR2(128) | Current status of the task. |
| TARGET | VARCHAR2(1024) | Target path of output data. |
| TYPE | VARCHAR2(128) | Type of job. |

| Column Name | Type | Description |
|-----------------|----------------|--------------------|
| WORKPACKAGEPATH | VARCHAR2(1024) | Work package path. |

HDFSAGENTSTATUSHISTORY

This table is used to maintain information about files moved from local file systems to HDFS for analytics processing.

| Column Name | Type | Description |
|--------------|----------------|---|
| ID | VARCHAR2(256) | Identifier. |
| DESTFILENAME | VARCHAR2(1020) | Output raw work package file on HDFS. |
| ENDDATE | VARCHAR2(20) | End date. |
| IDENTIFIER | VARCHAR2(128) | Internal identifier. |
| FILESIZE | NUMBER | Size of the file. |
| SRCFILENAME | VARCHAR2(1020) | Source file taken from local file system. |
| STARTDATE | VARCHAR2(20) | Date when transfer started. |
| STATUSNR | NUMBER | Internal status code. |
| LOGTIMESTAMP | NUMBER | Timestamp when history registered. |

DETAILDEFINITION

This table is used to identify URL parameters that can be used by the system. Unlisted parameters are ignored. This table is especially important if you are creating custom reports. You must enter tag-generated URL parameters into this table in order for the parameters to be retained for processing and reporting purposes.

| Column Name | Type | Description |
|--------------|-------------------|--|
| ID | NUMBER(12) | Primary key |
| NAME | VARCHAR2(64 BYTE) | Name of the parameter. |
| KEY | VARCHAR2(64 BYTE) | This column must have the same value as the name column. |
| OBJECTTYPEID | NUMBER | This field is deprecated. |
| SITEID | NUMBER | This field is deprecated. |
| TYPE | NUMBER | Type of <code>DETAILDEFINITION</code> entry. |

| Column Name | Type | Description |
|---------------|---------------|--|
| GROUPFUNCTION | NVARCHAR2(12) | Only for L2_SESSIONDET (type 1): the value can be <i>first</i> , to use the first value of the session, <i>last</i> to use the last value, or <i>all</i> to use all values of the session. |
| AUTODEF | NUMBER | This field is deprecated. |

Database Indexes

This section lists the Analytics database tables and index names.

| Table | Database Index Name | Columns |
|----------------------------|------------------------------|--------------------------|
| ACCESSRIGHT | ACCESSRIGHT_PK_IDX | ID |
| | IDX\$\$_55B10002 | SITE, REPORT |
| BROWSERGROUP | BROWSERGROUP_PK_IDX | ID |
| BROWSERIDENTIFICATION | BROWSERIDENTIFICATION_PK_IDX | ID |
| ESAUSER | PK_USER | ID |
| HELP_CITY | CITY_COUNTRYID_IDX | COUNTRYID |
| | CITY_ID_IDX | ID |
| | CITY_NAME_IDX | NAME |
| HELP_COUNTRY | COUNTRY_CODE_IDX | CODE |
| | COUNTRY_ID_IDX | ID |
| HELP_DATES | HELP_DATES_DAT_IDX | DAT |
| | IDX\$\$_4C6E0002 | ID |
| | <AUTO GENERATED VALUE> | STRDAT |
| HELP_REGION | REGION_COUNTRYID_CODE_IDX | COUNTRYID, REGIONCODE |
| | REGION_ID_IDX | ID |
| IPQUICKLIST | PK_IPQUICKLIST_IDX | IP |
| IP2COUNTRY | IP2COUNTRY_IPFROM_IDX | IPFROM |
| | IP2COUNTRY_IPTO_IDX | IPTO |
| IP2COUNTRYCITY_BLOCKS | PK_IP2COUNTRYCITY_BLOCKS_IDX | IPTO,IPFROM |
| L2_BROWSER | PK_L2_BROWSER | ID |
| L2_GROUP | GROUP_ID_IDX | ID |
| L2_OBJECT | L2_OBJECT_NAME_IDX | NAME |
| | L2_OBJECT_OBJECTID_IDX | OBJECTID |
| | L2_OBJECT_OBJECTTYPEID_IDX | OBJECTTYPEID |
| | PK_L2_OBJECT | ID |
| L2_OBJECTNAMEHISTORY | L2_OJECTNH_OBJECTID_IDX | OBJECTID |
| | PK_L2_OBJECTNAMEHISTORY | ID |
| L2_OBJECTTYPE | L2_OBJECTTYPE_NAME_IDX | NAME |
| | PK_L2_OBJECTTYPE | ID |
| L2_OS | INDEX PK_L2_OS | ID |
| L3_DATEXSITEXBROWSERXCOUNT | IDX44_4BFF0003 | DATEID |
| L3_DATEXSITEXCITYXCOUNT | L3_CITY_DATE_IDX | DATEID |

| Table | Database Index Name | Columns |
|-------------------------------|------------------------|-----------------------------|
| L3_DATEXSITEXCOUNTRYXCOUNT | L3_COUNTRY_DATE_IDX | DATEID |
| L3_DATEXSITEXDLXMIMEXCOUNT | L3_DL_MIME_IDX | DATEID |
| L3_DATEXSITEXENTRYIDXCOUNT | IDX\$\$_4BFF0005 | DATEID |
| | IDX\$\$_4C6D0001 | SITEID |
| L3_DATEXSITEXEXITIDXCOUNT | IDX\$\$_4BFF0006 | DATEID |
| | IDX\$\$_4C6E0001 | SITEID |
| L3_DATEXSITEXGROUPXOICOUNT | L3_GROUP_OI_IDX | DATEID |
| L3_DATEXSITEXGROUPXSESCOUNT | L3_GROUP_SES_IDX | DATEID |
| L3_DATEXSITEXGROUPXVISCOUNT | L3_GROUP_VIS_DATE_IDX | DATEID |
| L3_DATEXSITEXHOSTNAMEXCOUNT | IDX\$\$_4BFF0007 | DATEID |
| L3_DATEXSITEXREGIONXCOUNT | L3_ISP_DATE_IDX | DATEID |
| L3_DATEXSITEXJS | L3_JS_IDX | DATEID |
| L3_DATEXSITEXOBJECTTYPEXCOUNT | IDX\$\$_4BFF0002 | DATEID |
| CS_L3DATEXSITEXOBJXCOUNT | IDX\$\$_4BFF0001 | DATEID |
| | IDX\$\$_4C1D0001 | OBJECTID |
| L3_DATEXSITEXOBJECTXDURATION | L3_DURATION_IDX | DATEID |
| L3_MONTHXSITEXREGIONXCOUNT | L3_REGION_DATE_IDX | DATEID |
| L3_DATEXSITEXSESSIONXQUANTIL | <AUTO GENERATED VALUE> | DATEID, SITEID |
| L3_MONTHXSITEXCITYXCOUNT | L3_CITY_MONTH_IDX | DATEID |
| L3_MONTHXSITEXCOUNTRYXCOUNT | L3_COUNTRY_MONTH-IDX | DATEID |
| L3_MONTHXSITEXGROUPXVISCOUNT | L3_GROUP_VIS_MONTH_IDX | DATEID |
| L3_MONTHXSITEXREGIONXCOUNT | L3_REGION_MONTH_IDX | DATEID |
| L3_WEEKXSITEXCITYXCOUNT | L3_CITY_WEEK_IDX | DATEID |
| L3_WEEKXSITEXCOUNTRYXCOUNT | L3_COUNTRY_WEEK_IDX | DATEID |
| L3_WEEKXSITEXGROUPXVISCOUNT | L3_GROUP_VIS_WEEK_IDX | DATEID |
| OSIDENTIFICATION | OSIDPRIM | ID |
| REC_L3_RECXSEGXCOUNT | <AUTO GENERATED VALUE> | DATEID, SEGID, RECID |
| REC_L3_RECXSEGXOBJXCOUNT | <AUTO GENERATED VALUE> | DATEID, SEGID, RECID, OBJID |
| REC_RECOMMENDATION | PK_REC_RECOMMENDATION | ID |
| | <AUTO GENERATED VALUE> | RECOMMENDATIONID |
| REC_SEGMENT | REC_RECOMMENDATION | ID |
| | <AUTO GENERATED VALUE> | SEGMENTID |
| REPORT | PK_REPORT | ID |
| | UNIQUE_REPORT_NAME | NAME |

| Table | Database Index Name | Columns |
|--------------------|------------------------|----------------|
| REPORTPARAMETER | PK_REPORTPARAMETER | ID |
| | UNIQUE_NAME_REPORTID | REPORTID, NAME |
| REPORT2REPORTGROUP | PK_REPORT2REPORTGROUP | ID |
| SETTING | PK_SETTING | ID |
| SITE | PK_SITE | ID |
| | <AUTO GENERATED VALUE> | NAME |
| PI_SITEXOBJECTTYPE | PK_STATUSPARAMETER | ID |
| | <AUTO GENERATED VALUE> | NAME |
| USERGROUP | PK_USERGROUP | ID |
| USER2USERGROUP | IDX\$\$_55B10001 | ESAUUSER |
| | PK_USER2USERGROUP | ID |

