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Gather Schema and Tables Statistics

Gather Schema Statistics – Concurrent Program

Connect as System Administrator

Request – Run

Select - Gather Schema Statistics

The screenshot shows the 'Submit Request' dialog box in Oracle EBS. The main dialog has 'Name' set to 'Gather Schema Statistics'. A 'Parameters' sub-dialog is open, displaying the following settings:

- Schema Name: ALL (All Schemas)
- Estimate Percent: 10
- Degree: (empty)
- Backup Flag: NOBACKUP
- Restart Request ID: (empty)
- History Mode: LASTRUN (Maintain History Only For Latest Run)
- Gather Options: GATHER (Gather Stats On All Objects Of Schema Specified)
- Modifications Threshold: (empty)
- Invalidate Dependent Cursors: Y (Yes)

Buttons at the bottom of the Parameters dialog include OK, Cancel, Clear, and Help.

Click OK button

Estimate Percent: Using any value larger than 50 will force a compute statistics to be gathered; any value less than 50 only provide estimated statistics. Computed statistics in some cases could provide a significant performance improvement for Application modules.

Click the Schedule button to schedule as per your company needs, As a general rule, schedule the Gather Schema Statistics concurrent program to run once a week, during off hours, for your entire database

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Gather Table Statistics Concurrent Program

If you have volatile tables that are updated, inserted into or deleted from frequently, then you should consider running Gather Table Statistics for those tables more frequently, perhaps nightly during off hours. In the following figure, we've chosen a particular table, `FND_CONCURRENT_REQUESTS`, and selected 99 for the percent to analyze to ensure that the table is analyzed using compute, rather than estimate.

The screenshot shows the 'Parameters' dialog box for the concurrent program 'Gather Table Statistics'. The dialog is titled 'Parameters' and has a 'Copy...' button in the top right corner. The fields are as follows:

- Name: Gather Table Statistics
- Operating Unit: (empty)
- Parameters: (empty)
- Table Owner: APPLSYS (Application Object Library Account)
- Table Name: FND_CONCURRENT_REQUESTS
- Estimate Percent: 99
- Parallel Degree: (empty)
- Partition Name: (empty)
- Backup Flag: NOBACKUP
- Granularity: DEFAULT
- History Mode: LASTRUN (Maintain History Only For Latest Run)
- Invalidate Dependent Cursors: Y (Yes)

At the bottom of the dialog, there are buttons for 'OK', 'Cancel', 'Clear', and 'Help'. A 'Help (C)' button is also visible in the bottom left corner of the parent window.

Note- Using these two Concurrent Programs also generates statistics on the associated indexes.