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HowMessy 2.9

# Change Notice

by Robelle Solutions Technology Inc.



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# HowMessy Version 2.9

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## Overview

HowMessy answers the question, "How messy are things inside my database?" HowMessy shows percentage secondaries, worst cluster, highwater mark, longest chains, average chains, blocks per chain, percentage inefficient pointers, and deviation from maximum efficiency. With this information, you can decide what database changes might improve performance: increase or decrease capacity, add or delete paths, remove sort fields, alter primary paths, or repack a dataset along the primary path.

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## Highlights in 2.9

- HowMessy now supports databases with that utilize the new limits of 1200 items, 240 datasets and 64 pasts from a master.
- HowMessy will report an error if an attempt to analyze a database that has been converted or built with the new entrynumber format.
- HowMessy would fail with a Speed Demon prefetch error on small datasets that had a block size that was not on a 128 word boundary.
- HowMessy would fail on certain older versions of Image and the CM version would fail on Classic machines.

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## Compatibility

HowMessy is compatible with Q-Delta-2, R-MIT, T-MIT, U-MIT, V-MIT, MPE XL, and MPE/iX 6.0, 6.5, 7.0 and 7.5.

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## Compatibility-Mode Vs Native-Mode

Throughout this change notice and the HowMessy documentation there are references to compatibility-mode and native-mode. If you are on a Classic HP 3000 (i.e., not MPE/iX), you use the compatibility-mode version of HowMessy. Our installation job streams will automatically install the correct version for your machine. We use the terms MPE XL and MPE/iX interchangeably in our documentation.



# Installing HowMessy

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## Introduction

The HowMessy program and help files come with Qedit and/or Suprtool and are installed automatically with those releases.

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## Documentation

The HowMessy documentation is available in Adobe Acrobat PDF format for easy printing. You will find these files on the Robelle website at <http://www.robelle.com/library/manuals/>.





# Enhancements

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## New in Version 2.9

HowMessy now supports databases that utilize the new limits in Image (version C.09.00) of 1200 items, 240 datasets and 64 paths from a master.

HowMessy prints an error if an attempt is made to analyze a database in entrynumber format. Since these databases do not keep records in blocks, it does not make sense to analyze these databases using the current calculation within HowMessy.



# Bugs Fixed

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## Fixed in Version 2.9

The CM version of HowMessy would fail on Classic machines and the native version would fail with a dbinfo error on old versions of Image.

HowMessy would fail with a Speed Demon prefetch error on small databases that had a block size that was not on a 128 word boundary.