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## What factors influence BulkImport speed?

- **Article Type:** Q&A
  - **Product:** Voyager
  - **Product Version:** All
  - **Relevant for Installation Type:** Dedicated-Direct; Direct; Local; Total Care
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### Question

What factors influence BulkImport speed?

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### Answer

Import speeds are influenced by a number of factors related to the machine, disks, load, etc., including

- 1) Processor speed
- 2) Number of processors
- 3) Number of processes running on the server at time of import
- 4) RAM
- 5) Starting size of the dynamic.dc
- 6) Number of unique words currently in database (static.dc and dynamic.dc files); fewer unique records means more time to update dynamic.dc
- 7) Number of new unique words in the import file; adding new words to dictionary means more time to update dynamic.dc.
- 8) Number of new records vs replace records in the import file: Replaces take longer because it must find and match records, delete old record, insert new vs. search for match, don't find it, insert new.
- 9) Number of match fields for replace (in Sysadmin, Bib Duplicate Detection Profile). The more fields to check, the slower the process.

**Category:** Batch jobs

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- **Article last edited:** 10/8/2013