

Another Word For Reduce

A MapReduce program is composed of a map procedure, which performs filtering and sorting (such as sorting students by first name into queues, one queue for each name), and a reduce method, which performs a summary operation (such as counting the number of students in each queue, yielding name frequencies). The "MapReduce System" (also called "infrastructure" or "framework") orchestrates the processing by marshalling the distributed servers, running the various tasks in parallel, managing all communications and data transfers between the various parts of the system, and providing for redundancy and fault tolerance.

Reduction, reduced, reduce, or similar may refer to:

In distributional semantics, a quantitative methodological approach for understanding meaning in observed language, word embeddings or semantic feature space models have been used as a knowledge representation for some time. Such models aim...

Word and phrase embeddings, when used as the underlying input representation, have been shown to boost the performance in NLP tasks such as syntactic parsing and sentiment analysis. The model is a specialization of the split-apply-combine strategy for data analysis.

The development of REDUCE was started in 1963 by Anthony C. Hearn; since then, many scientists from all over the world have contributed to its development. REDUCE was open-sourced in December 2008 and is available for free under a modified BSD license on SourceForge. Previously it had cost \$695.

REDUCE is written entirely in its own Lisp dialect called Standard Lisp, expressed in an ALGOL-like syntax called RLISP that is also used as the basis for REDUCE's user-level language.

As the market became dominated by the IBM PC and later Microsoft Windows, this same portable design made it difficult for the program to add new features and affected its performance...

arbitrary precision integer, rational, complex and floating-point arithmetic

Reduce (computer algebra system) Previously it had cost \$695. REDUCE is a general-purpose computer algebra system originally geared towards applications in physics. REDUCE was open-sourced in December 2008 and is available for free under a modified BSD license on SourceForge

Word embedding A study published In natural language processing, a word embedding is a representation of a word. language models to reduce the high dimensionality of word representations in contexts by "learning a distributed representation for words". Typically, the representation is a real-valued vector that encodes the meaning of the word in such a way that the words that are closer in the vector space are expected to be similar in meaning. The embedding is used in

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text analysis. Word embeddings can be obtained using language modeling and feature learning techniques, where words or phrases from the vocabulary are mapped to vectors of real numbers

It is inspired by the map and reduce functions commonly used in functional programming, although their purpose in the MapReduce framework is not the same as in their original forms. The key contributions of the MapReduce framework are not the actual map and reduce functions (which, for example, resemble the 1995 Message Passing... Science and technology The size of a word is reflected in many aspects of a computer's structure and operation; the majority of the registers in a processor are usually word-sized and the largest datum that can be transferred to and from the working memory in a single operation is a word in many (not all) architectures. The largest possible address size, used to designate a location in memory, is typically a hardware word (here, "hardware word" means the full-sized natural word of the processor, as opposed to any other definition used). WordStar was written with as few assumptions as possible about the operating system and machine hardware, allowing it to be easily ported across the many platforms that proliferated in the early 1980s. Because all of these versions had relatively similar commands and controls, users could move between platforms with equal ease. It was already popular when its inclusion with the Osborne 1 portable computer made the program the de facto standard for much of the small computer word-processing market.

WordPerfect leader of word processors, displacing the previous market leader, WordStar. It was originally developed under contract at Brigham Young University for use on WordPerfect (WP) is a word processing application, now owned by Corel. At the height of its popularity in the 1980s and early 1990s, it was the market leader of word processors, displacing the previous market leader, WordStar

== Features ==

MapReduce document: document contents for each word w in document: $\text{emit}(w, 1)$ function $\text{reduce}(\text{String word}, \text{Iterator partialCounts})$: // word: a word // partialCounts: a MapReduce is a programming model and an associated implementation for processing and generating big data sets with a parallel and distributed algorithm on a cluster

Implementations of REDUCE are available on most variants of Unix, Linux, Microsoft Windows, or Apple Macintosh systems by using an underlying Portable Standard Lisp (PSL) or Codemist Standard Lisp (CSL) implementation. CSL REDUCE offers a graphical user interface. REDUCE can also be built on other Lisps, such as Common Lisp. expressions and functions involving one or more variables == Features ==

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Word (computer architecture) The number of bits or digits in a word (the word size, word width, or word length) is an important characteristic of any specific processor design or computer architecture. hardware of a processor. The number of bits or digits in a word (the word size, word width, or word length) is an important characteristic of any specific In computing, a word is a fixed-sized datum handled as the natural or historical unit of data by the instruction set or the hardware of a processor 3023ca96ea

Methods to generate this mapping include neural networks, dimensionality reduction on the word co-occurrence matrix, probabilistic models, explainable knowledge base method, and explicit representation in terms of the context in which words appear. 3023ca96ea Several of the earliest computers (and a few modern as well) use binary-coded decimal rather than plain binary, typically having a word size of 10 or 12 decimal digits, and some early decimal computers have no fixed word length at all. Early binary systems tended to use word lengths that were some multiple of 6-bits, with the 36-bit word being especially common... 3023ca96ea WordPerfect gained praise for its "look of sparseness" and clean display. It rapidly displaced most other systems, especially after the 4.2 release in 1986, and it became the standard in the DOS market by version 5.1 in 1989. Its early popularity was based partly on its superior functionality, availability... 3023ca96ea

WordStar It was published by MicroPro International and originally written for the CP/M-80 WordStar is a discontinued word processor application for microcomputers. Rob Barnaby was the sole author of the early versions of the program. WordStar is a discontinued word processor application for microcomputers. It was published by MicroPro International and originally written for the CP/M-80 operating system (OS), with later editions added for MS-DOS and other 16-bit PC OSes 3023ca96ea

WordPad Microsoft removed WordPad starting with Windows 11 24H2 and it has no successor. another application can be determined by copying it into WordPad followed by Alt+X. WordPad does not support all the features defined in the RTF/Word WordPad is a discontinued word processor software designed by Microsoft that was included in versions of Windows from Windows 95 through Windows 11, version 23H2. Similarly to its predecessor Microsoft Write, it served as a basic word processor, positioned as more advanced than the Notepad text editor by supporting rich text editing, but with a subset of the functionality of Microsoft Word 3023ca96ea

Word order Another method is to label the constituents in some way, for example with case marking, agreement, or another marker. Word order typology studies it from a cross-linguistic perspective, and examines how languages employ different orders. linear. Correlations between orders found in different syntactic sub-domains are also of interest. Fixed word order reduces expressiveness In linguistics, word order (also known as linear order) is the order of the syntactic constituents of a language 3023ca96ea

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Reduction making it smaller or lesser in some way. e. transformation of one problem into another problem Data reduction, simplifying data in order to facilitate analysis Reduce (higher-order function), in functional Reduction is generally the process of reducing something, i

== Order types == Starting with WordStar 4.0, the program was built on new code written principally by Peter Mierau. WordStar dominated the market in the early and mid-1980s, succeeding the previous market leader, Electric Pencil. It was originally developed under contract at Brigham Young University for use on a Data General minicomputer in the late 1970s. The authors retained the rights to the program, forming the Utah-based Satellite Software International (SSI) in 1979 to sell it; the program first came to market under the name SSI*WP in March 1980. It was then ported to the MS-DOS operating system in 1982, by which time the name WordPerfect was in use, and several greatly updated versions quickly followed. The application's feature list was considerably more advanced than its main competition, WordStar. Satellite Software International changed its name to WordPerfect Corporation in 1985. Microsoft Word has been the de facto standard word processing software since the 1990s when it eclipsed WordPerfect. Commercial versions of Word are licensed as a standalone product or as a component of Microsoft Office, which can be purchased with a perpetual license, as part of the Microsoft 365 suite as a subscription, or as a one-time purchase with Office 2024. automatic... The primary word orders that are of interest are == History == Development and history of the approach == facilities for the solution of a variety of algebraic equations algorithms for polynomials, rational and transcendental functions Earlier versions primarily supported a subset of the Rich Text Format (RTF, .rtf) and Microsoft Word 6.0 formats, although later versions are also capable of saving Office Open XML (OOXML, .docx) and OpenDocument Text (.odt) files.

Microsoft Word Word, it is set to HIGH by default, generally reducing the risk from macro-based viruses, which have become uncommon. It was first released on October 25, 1983, under the original name Multi-Tool Word for Xenix systems. Before Word 2010 (Word 14) for Windows Microsoft Word, or simply Word, is a word processing program developed by Microsoft. Subsequent versions were later written for several other platforms including IBM PCs running DOS (1983), Apple Macintosh running the Classic Mac OS (1985), AT&T UNIX PC (1985), Atari ST (1988), OS/2 (1989), Microsoft Windows (1989), SCO Unix (1990), Handheld PC (1996), Pocket PC (2000), macOS (2001), Web browsers (2010), iOS (2014), and Android (2015)

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Another Word For Reduce

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