TERM CASTING: A CONCEPTUAL PROCESS OF TERM BUILDING

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ABSTRACT

Term plays an important role in our everyday life. We start with a term which leads to a search. The importance of term has developed with development of the literature. Hence term is a descriptor of the concept or the text in the process of a search. Historically term made its reference long back, which enabled to be the main technique in understanding the search for text and used extensively for communication. The article here is trying to define the process and concept with definition of term casting and "term o pyramids" as a model is conceptualizing the term and its relation in building an index through a process of term casting and term searching.

KEYWORDS: *Terms, Term casting, Termopyramids.*

1. INTRODUCTION

Men are dependent on term. Term is and was always a powerful tool used in different context. Terms and terminology begins with the process of the study of any concept/s furthering to the next stage of understanding the discipline. Lots of development has happened because of the terms and its evolution. It is from alphabet to word to a meaningful concept through a construct of a language. Today a new a word has emerged to define a new concept with new knowledge like "*Observometrics*". The process goes on to understand, what is its meaning? from where it has come, what is the purpose and what is its use? Term has the "access power" which leads to a location of the particular text. Term communicate its meaning and associate to a"search" technically known as a "query" in computer

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language. In Library science the application of classification derives coded numbers to explore the destined rack and book of relevance or to a document in any form and platform. Today with electronic information search becomes very important with various search techniques used to retrieve the text (Information in any format).

Term is a focal point of access, a processed data and is contextual, a term is information and information may be a music or newspaper. Information attains its meaning when communicated through a term. Communication is ruled by many technological gadgets today's search engine or earlier Library Catalogue.

Term is power always. It is a necessity for survival for communication. Whether a term may become a subject? When we look into the development of word/s spurred the dictionary which develops facets of the "word". A question strikes. How a word does make its entry into the Meridian Dictionary? The editors compensates with answers like and stress on the "language how it is been used". The editors have daily work called" ***reading and marking***". In fact lots of research is being carried out on a continuous note. This read and note is term casting. With development of the technology and literature it is evident that the terms has its say in the search and locate information. The context and use of these terms for different purpose will be a back bone of the content. Term organization is a big process of identification of terms through a process may be in way it is found relevant and applicable. It is again seen that there are many indexing institutions which are doing research in term building through various process. The process of term identification, filtering and extraction may be the first stage and inclusion in the product is the second stage and the way it should be represented is the third stage. It is process altogether towards building a product for use.

2. EVOLUTION OF TERM CASTING:

The evolution of the word (term) started with development of dictionaries. We should think of the etymology (history of words). Comparative methods are used as techniques by the entomologist to tract the word the word roots. There is a process of word formation and sound symbolism with many methods applied. Similarly indexers plays vital role in extracting the terms for the indexing to specific purpose. What process they adopt to this assimilated to the concept called "***Term Casting*".**

Looking at the history of the development of the dictionary may early in 1604 was popularly known as " ***Robert Cawdrey's Table Alphabetical***" was single English language with 3000 words developed for communication as English language was expanding to assist in trade, travel and with development in arts and sciences. With development of language and literature it all evolved. Referring to Wikipedia the earlier development of the dictionaries in India was in 10th Century called as "***Ranna Khanda***" by poet Ranna. Other marvels of development of dictionary are ***Kittel Dictionary*** in 1894 first Kannada- English dictionary with 70000 words and also wrote book on Kannada Grammar. Words made its entry in to history of building dictionary with a sort of process adopted for easy retrieval. Here it should be notice that the It become very difficult to arrive at the numbers and technique used for inclusion was the process of "word casting".

3. TERM CASTING:

It may be defined as "it is a process of identification of terms and its relations to subject/s and molding it into a bunch of words and making a product for use" like its building a dictionary or thesaurus or a classaurus. The processes are derived from many techniques and tools used as concepts based on processing tools like ***PMEST*** or ***DEPA*** or terms filtering. The process adapted in building an indexing system is the zest of the casting of terms to arrange and organize to operational level search. In computer science data structure is indexing. The process may be anything which related term building and indexing for easy retrieving. They have used since years to locate the text or literature.

Term casting may also be defined as *"is filtering all terms related to one discipline/s, bringing all together and structuring it for systematic retrieving system for an easy search"*. In Library and Information Science it is centered on the term/s and its derivations to the level of index which leads to another term is what is called as metadata. Metadata is word about a word or a term about term. Today a document needs the term/s to locate its existence in a system (in the Library or in the web world) Term makes its way to a keyword/s. Each keyword is the choice for searchers to go the extent of going to the particular document which exist in the system. In case of a database the terms helps to identify the location of the document. We also call these a common data element. Google has 100000000 gigabytes of index constructed by spending 300000 computers hours. Term casting process is shown in the Table. 1.The term identity with some process is term casting in simple words. The processes have been developed with logical sequencing or following a pattern of indexing (reading and making)as normally done in the alphabetical indexing in the dictionary, where a dictionary is product for getting to know the meaning of the word. Similarly there are various products which used for various purposes like Vocabulary Control Devices and Subject Heading list, Thesaurus or Classaurus or any indexing systems followed in web

indexing and various search engine. Still a study of such indexing systems used in various applications many reveal the process of indexing used for many purposes for term identification are used in marketing, citation analysis etc., A research in term casting can further disclose the importance of term or terms.

Table.1 Term Casting Processes

Sl. No	Techniques of term casting (Process)	Product
1	Reading and making	Dictionary
2	Relative Indexing words and subjects ;Principles of common usage term chosen as preferred heading and spelling PRECIS ,POPSI, Chain Indexing ,(PMEST & DEPA)Others Like Compass or Nepis(Terms in logic sequences)	DDC and CCC Sears List of Subject Heading Vocabulary Control Systems Like Thesaurus /Classaurus Indexing Systems
3	OPAC, Web Opac, Web crawlers B-tree	Library Database Search Engines: Data Structure
4	Free Index Indexing (Machine indexing)	Encyclopedia
5	Software's used term extraction	Book Indexing
6.	Swish-e	Web Indexing

4. ALPHABET TO WORD TO INDEX: TERMOPYRAMIDS

Termopyramids is exemplification of the extraction of words and its process. This is the role of the indexer to study the origin of the word and its relevance with the development and inclusion of index through a process to make an end product which can further be reviewed or updated with developments of new words in that area of study. Hence indexer is subject specific (Specialist) and technician of term casting. The Fig No.1 shows the various processes adopted for term casting. Fig-1 depicts *termopyramids*. The ascending order of the index building is process of arriving to building an index from different stages as shown in diagram.

The search process is the descending order of the process of search where we arrive at a text or literature, it is the natural process of search and involve in the retrieving theory. Today indexing is the main area of interest as the search engine, database have become huge with operations in digital world. Any process of term casting will helpful in the searching and retrieving activity. The process may be automatic indexing with conceptual term casting process is the natural process with which ever tools are used and evolved to systematic term building.

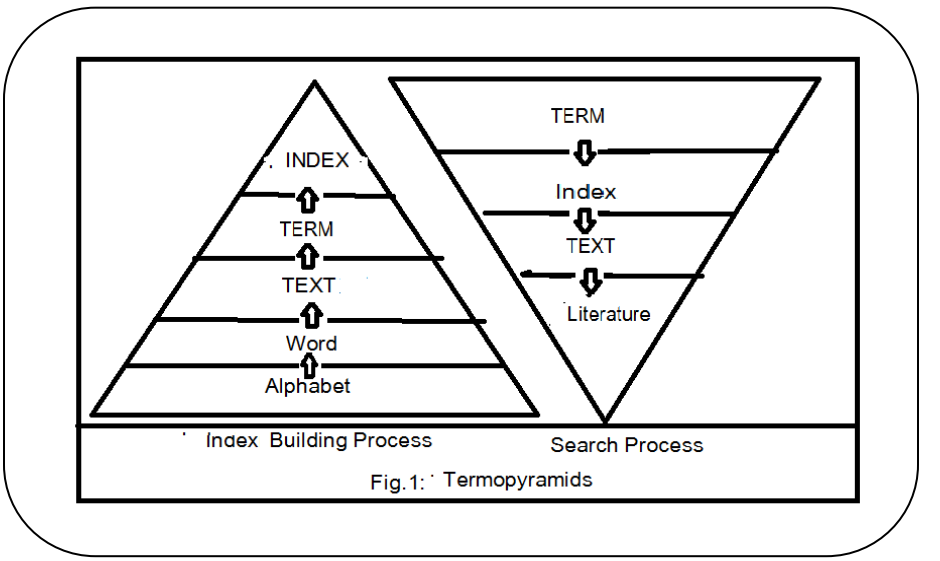


Fig.1: Termopyramids

5. CONCLUSION

Term is and was always a powerful tool. Term plays an important role in our everyday life. We start with term which leads to search. The importance of term has developed with development of the ***literature.*** With development of the technology and literature it is evident that the term has its say in the search and to locate information. The context and use of these terms for different purpose will be a back bone of the content. Term organization is a big process of identification of terms through a process may be in way it is found relevant and applicable. It is again seen that there are many indexing institution which doing research in term building. The process of term identification, filtering and extraction may be the first stage and inclusion in the product is the second stage and the way it should be represented is the third stage. The ***Thermopyramids*** are the models of the process of indexing and search.

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