

Basic Concepts

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- A controlled vocabulary is a consistent set of words
- A controlled vocabulary is the terms or classification groups that have been created in order to make indexing consistent
- A natural language uncontrolled vocabulary used the words directly from the text written by the authors or the words from the indexer's mind.

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Indexer vs User

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 The function of control mechanism is to eventually lead both the indexer and the user to the same point

Characteristics of Controlled Vocabulary (continued)

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- It supplies a standard vocabulary by controlling synonyms and near-synonyms in order to increase consistency
 - Only one term from a list of similar terms will be used in indexing a given concept
- It employs a considerable number of precoordinated phrases to reduce false drops to a minimum
 - Pre-coordinate Venetian blind there will not be a false drop of blind Venetian papers from the document file

Characteristics of Controlled Vocabulary

- It represents the general conceptual structure of a subject area and presents a guide to the user of the index
- The terms are derived as nearly as possible from the vocabulary of use, that is, they closely reflect the literature vocabulary and the user's own technical usage
- Where necessary it defines ambiguous terms
- Through cross-references it shows horizontal and vertical relationships among terms

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Subject Indexing Policy Principle

 Guidance for subject analysis and subject translation should be developed to meet user needs and give consistent treatments to documents

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NISO Z39.19-1993 Guidelines for the construction, format and management of monolingual thesauri A controlled vocabulary arranged in a known order in which equivalence, homographic, hierarchical, and associative relationships among terms are clearly displayed and identified by standardized relationship indicators, which must be employed reciprocally. Its purposes are to promote consistency in the indexing of documents, predominantly for postcoordinated information storage and retrieval systems, and to facilitate searching by linking entry terms with descriptors.

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32



Valuable Tools

- Classification scheme
- Subject headings
- Review articles
- Monographs

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- Basic reference tools
 - Handbooks, dictionaries, encyclopedias

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Decision for Term Forms

- Descriptor should be nouns, either single nouns, noun phrases or nouns with qualifiers indicated in parentheses
- Multiword terms may be either pre-coordinated or formed by post-coordination of existing terms
- Singular form for processes and properties; Plural form for classes of people
 - Liquidation, Indexing processes
 - Teachers, preachers, candlestick makers -- classes
- Multiword terms should be entered in their natural word order with see cross-references to the inverted forms
- Abbreviations should be used if the users know their meaning

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Lexical Fre	enet http://w	ww.le	xfn.com/
Relation		Example	
Allow trigger links	Clinton		Whitewater
Allow synonym links	bike		bicycle
Allow generalization links	tree		acacia
Allow specialization links	shoe		footwear
Allow comprises links	Turkey		Istanbul
Allow part-of links	<u>CPU</u>		computer
Allow antonym links	opaque	-	clear
Allow rhyme links	<u>Reno</u>		<u>casino</u>
Allow sounds-like links	candle		cancel
Allow anagram links	Geraldine		realigned
Allow occupation links	Leonardo da Vinci		painter
Allow nationality links	Martin Luther		German
Allow birth year links	Orville Wright	-	1871
Allow death year links	Gilda Radner		<u>1989</u>
Allow biographical trigger links	Jesse Louis Jackson		<u>rainbow</u>
Allow also known as links	John Ono Lennon		John Lennor
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