# Apelon Notes

## dtsquickstart.pdf

1. DTS Installation
   1. Install software
   2. Create schema
   3. Create user
2. Populate KB tables
   1. Perform “Full” Import Using the DTS Subscription Import Wizard (page 16)
3. Configure server
4. Start servers and DTS browser = page 8

## Dtsinstall\_windows.pdf

1. More detailed DTS installation manual
   1. System requirements: 2 Gb RAM; 50 Gb HD
   2. Directory structure
   3. Can run as Windows service. Uses Java Service Wrapper
   4. Appendix D – support info

## Dtsmatching.pdf

1. Search for concepts and terms
   1. Can filter results to include only concepts that match search criteria (concepts with selected roles, properties, and associations)
   2. Can also filter criteria to search only one “silo” (a subset of the KB, e.g. all descendants of the concept “Disease”)
2. Selector & Extractor utility
   1. Creates silos
   2. Silos optimize search
   3. Silos are based on filterSpec.xml config file
   4. Knowledgebase Administrators Guide explains how to modify filterSpec.xml config file
3. MatchPack utility
   1. Can customize matching precision
   2. Complete match: full string needs to match to concept name or synonyms
   3. Under match: word order not considered
   4. Best match only: complete match first, then under matches if complete matches not found
4. Partial under match
   1. Removes stop words before searching, then does under match

## KBadmin.pdf

1. Complete KB admin manual
2. Knowledgebase Publishing utility
   1. Publish local vocab
3. Details on Selectors & Extractors

## dtsServer.pdf

1. DTS server configuration file - apelonserverprops.xml
2. Log configuration – Log4j: apelonserverlog.xml
3. Enable/disable secure server mode (with authentication)
4. Manage DTS users (if in secure server mode)
5. Remote admin
6. Tomcat config

## dtsEditor.pdf

1. Core manual for terminology content browsing and maintenance using DTS Terminology Editor
2. Browse any namespace
3. Create & maintain local namespaces
4. Ontylog namespaces
   1. Based on description logics
   2. Can create local extensions of a subscription ontylog namespace
5. Thesaurus namespaces
   1. Based on concept associations
   2. Can create local thesaurus namespace with mappings to other namespaces
6. Subset (same as value sets)
   1. Segment of concepts from a namespace based on selection parameters
   2. Defined with Subset Editor functions within DTS Editor
   3. See dtsSubsets.pdf

## dtsEditorPlugIns.pdf

1. Explains how to develop plug-ins for the DTS editor

## dtsBrowser.pdf

1. Web-based browsing of DTS terminology

## dtsSubscriptionImport.pdf

1. Explains how to import content into DTS
2. DTS Subscription Import Wizard vs. kbcontent-import.bat
3. Full subscription import vs. Updates (diff content imports)

## dtsSubsets.pdf

1. Detailed explanation on how to create / edit subsets
2. Can be implicitly defined based on specific criteria (e.g., search criteria, associations) or ad-hoc, by manually selecting concept by concept
3. Seems to have very flexible mechanism for value set maintenance. Important for CDS

## dtsWebDeveloper.pdf

1. DTS Browser source code is provided as an example

## dtsClassification.pdf

1. Describes how to create ontylog namespaces
2. Created through Ontylog editor within TDE