



## Indexing

- When to create and delete indexes for STP and PA:
- when called iteratively on same input documents (as sub-executions): build index only once in parent execution; delete index at end of parent execution
  - when called once as execution directly: build index in STP / PA directly; delete index at end
- current indexing:
- always: Bootstrapping
  - on demand: SearchTermPosition, PatternApplier
  - if given as parameter: CommandLineInterpreter
- Inconsistencies:
- CommandLineExecutor requires index-dir to be given for --search-candidates mode although SearchTermPosition can build index on demand in randomized temporary directory. User should be able to decide on the location of the index directory (by supplying index-dir) or to have a temporary index at a randomized directory (by not supplying index-dir).  
Proposed solution I: remove throwCLI statement when no index-dir is given in search-candidates mode (is specification of an index dir even useful? The path to store temporary files can be adjusted using the config properties file...)  
Proposed solution II: remove index-dir parameter
  - CommandLineExecutor & Bootstrapping if index-dir is given, CLI will create an index but Bootstrapping will build and use another temporary index.  
Proposed solution: add indexing on demand for bootstrapping

## Temporary Files

- created in:
- Indexer
  - CommandLineExecutor (uses temporary datastore client for all sub-executions)
  - Tagger
  - InfobaseTest
  - ExecutionSchedulerTest
  - CommandLineExecutorTest
  - TextExtractorTest
  - IndexerTest
  - ExampleChecker
  - ApplyPatternAndResolveTest

## Text Extraction

- on demand: RegexSearcher
- if given as parameter: CommandLineExecutor