6. Text Processing Services

The modules described in this chapter provide a wide range of string manipulation operations and other text processing services.

The codecs module described under Binary Data Services is also highly relevant to text processing. In addition, see the documentation for Python's built-in string type in Text Sequence Type — str.

- 6.1. string Common string operations
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 - 6.1.3. Format String Syntax
 - 6.1.3.1. Format Specification Mini-Language
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 - 6.1.4. Template strings
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 - 6.2.2. Module Contents
 - 6.2.3. Regular Expression Objects
 - 6.2.4. Match Objects
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 - 6.2.5.3. search() vs. match()
 - 6.2.5.4. Making a Phonebook
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 - 6.2.5.6. Finding all Adverbs
 - 6.2.5.7. Finding all Adverbs and their Positions
 - 6.2.5.8. Raw String Notation
 - 6.2.5.9. Writing a Tokenizer
- 6.3. difflib Helpers for computing deltas
 - 6.3.1. SequenceMatcher Objects
 - 6.3.2. SequenceMatcher Examples
 - 6.3.3. Differ Objects
 - 6.3.4. Differ Example
 - 6.3.5. A command-line interface to difflib
- 6.4. textwrap Text wrapping and filling
- 6.5. unicodedata Unicode Database
- 6.6. stringprep Internet String Preparation
- 6.7. readline GNU readline interface
 - 6.7.1. Init file
 - 6.7.2. Line buffer

- 6.7.3. History file
- 6.7.4. History list
- 6.7.5. Startup hooks
- 6.7.6. Completion
- 6.7.7. Example
- 6.8. rlcompleter Completion function for GNU readline
 - 6.8.1. Completer Objects