

INDEX

A

Acronyms 4
add_to_inserted_word_buffer 95, 187
add_to_list_of_document_words 67, 182
add_to_new_word_buffer 95, 187
Affix 15
Affix analysis 15-17
Apostrophes 4, 37
ASCII 43, 46
ask_user_about_it 72, 86, 203-204

B

Batch algorithms 7, 9, 121
Bibliography 123-129
Brown Corpus 9, 10, 57, 126

C

change_to_pseudo 147
Character set 46-47
check_all_uppers 41-42, 168-169
check_class_of_token 40-41, 167-168
check_for_generated_command 87, 112, 201
check_spelling 32-34, 111, 204
clear_inserted_word_buffer 94, 187
clear_local_dictionary 91, 188
clear_new_word_buffer 94, 187
collect_possible_token 40, 167
collect_user_token 92-93, 188-189
Command input 26-30

Command tables 113
 Common words 130-131
 Common words graph 58-62, 113, 132-135
compare 149-150
 Conclusions 122
 Confusion matrix 14, 125, 128
 Context buffer 113
 Context display 34-36
 Context regions 35
copy_to_delimiter 42, 169

D

Data entry 2
 Debug mode 118-119
 DEC-10 3, 8, 10, 12-14, 15, 17, 35
define_context 109-110, 196
define_disk_dictionary 100, 179-180
define_high_string 116, 176
define_low_string 115, 176
 Delimiters 3
determine_if_token 40, 169
 Dictionary 9-11
 Dictionary administrator 7
 Dictionary search 6-7, 51-72
 Dictionary size 7
 Dictionary structure 51-55
 Digrams 5-6, 120-121, 124, 125, 126, 127, 128
direct_read 118, 146
direct_write 118, 147
 Disk dictionary 67-72, 113
 Disk dictionary creation 99-104
 Display 42-46
display_character 73-74, 148
display_context 73, 149
display_guess 75-76, 193
display_token 73, 148
do_speller_directive 24-25, 31, 205
do_table_2_command 80-82, 202-203
 Document preparation 1
dump_local_dictionary 91-92, 188

E

Edit command 79, 119
edit_context 198
 End-of-line 46-47
 End-of-word 59

enter_command_table 152
enter_procedure 119, 145-146
enter_proc 119, 145-146
execute_table_1_command 25-26, 31, 204-205

F

Files 19-20
find_candidates 74
find_cands 193-194
find_index_of_disk_block 69, 182-183
find_index_of_dsk_block 69, 182-183
find_non_delimiter 39-40, 111, 167
finish_disk_dictionary_creation 104, 179
flush_inserted_word_buffer 96, 175
flush_new_word_buffer 96, 175

G

get_character_from_buffer 44, 166
get_char_from_context_buffer 44, 166
get_char_from_input 49, 164
get_chr_from_input 49, 164
get_command 27, 161
get_disk_block 71-72, 183-184
get_dsk_block 71-72, 183-184
get_input 49-50, 163-164
get_input_file 33, 161
get_next_from_file 102, 172-173
get_next_from_mod_file 8
get_next_merged_token 101-102, 177-178
get_output_file 33, 162
get_token 34, 39, 170
Gorin, Ralph 3
guess_correct_spelling 75, 193

H

hash 65, 181
Hash table 10, 64-67, 113
hash_table_overflow 67
Hyphens 4, 37

I

IBM 3, 17
Implementation 117-119
Improvements 119-121
Index of matching 14
Index of peculiarity 6

init_common_words_graph 154-155
init_global_variables 155-158
init_variables_for_these_files 162
initialize_common_words_graph 63-64
insert_sorted 95, 186-187
insert_token 83, 198
 Inserted word buffer 89-100
 Inserted words 113
 Interactive spellers 8, 18

L

leave_procedure 119, 146
leave_proc 119, 146
 Lexical issues 36-42
 Line numbers 120
 List of common words 57, 130-131
 List of document words 64-67
list_candidates 83-84, 198-199
list_cands 83-84, 198-199
list_commands 29, 159
list_modes 108-109, 194
load_local_dictionary 92, 189-190
 Local dictionaries 26, 87-104, 119

M

Main program 21-23, 206
 Memory management 112-117
merge_with_modification_file 96-97, 173-174
 Misspelled tokens 72-87
 Modes of operation 8-9, 20-21, 106-109
 Modification file 89-102
 Multiple dictionaries 7

N

new_cand 75, 190
new_candidate 75, 190
 Numbers 4, 37

O

OCR 14, 123, 125, 127
output_disk_block 103, 178
output_token 51, 170
output_token_to_disk_dictionary 103, 179
 Overflow 66-67, 115, 117

P

Pascal 118, 122
per_file_conclusion 33, 163
per_file_initialize 32, 162-163
per_session_conclusion 24
per_session_initialization 23
Performance 9, 119, 120-121
Phonetic spelling 15
Prefix 15
Prefix matching 29
Pseudo-characters 47
put_character_back_in_context_buffer 45, 166
put_char_back_in_context_buffer 45, 166
put_char_back_in_input 49, 164
put_chr_back_in_input 49, 164
put_mod_string 172
put_mod_token 171
put_output 51, 164
put_token_to_disk_dictionary 103, 179

R

read_and_obey_speller_directive 24-25, 31, 205
read_and_obey_table_2_command 80-82, 202-203
read_command 28, 159-160
read_line 47-49, 165
read_new_token 85, 199
remember 85-86, 200
replace_token 84, 200
replace_with_cand 84, 199
replace_with_candidate 84, 199
reset_mod_files 99, 172
reset_regions 45-46, 165-166
reverse_linked_list 96, 174

S

search_command_table 29-30, 160-161
search_common_words 62, 180
search_dictionary 55, 186
search_disk_dictionary 68, 70, 99, 185
search_document_words 64, 181
search_dsk_block 184-185
search_substitution_table 87, 201
search_subst_tbl 87, 201
Session 23
set_modes 106-108, 119-120, 195
set_up_for_disk_creation 100-101, 177
set_up_mod_files 97-98, 171

Skip mode 110-112
 Sorting 5, 94-95
 SPELL 3, 8, 10, 12-14, 15, 17
 Spelling checkers 2-17
 Spelling correction 11-15, 72-87
 Spelling errors 12, 124
 Spelling program 127, 136-206
srch_comand_table 29-30, 160-161
srch_comon_words 62, 180
srch_compare 150
str_pool_overflow 117, 175
 String matching 3
 String pool 113-117
string_compare 151
substitute_token 85, 200
 Substitution table 113
 Suffix 15

T

table_1_initialize 27, 152
table_2_initialize 82, 153
table_3_initialize 107, 153-154
 Text editor 1
 Text formatting 1, 117
 Three-level search 11
 Token 2, 3-4, 113
 Token lists 3-5
 Top-down design 18, 118, 122
 Training mode 20, 110-112
translate_for_search 55-57, 147-148
 Trees 57-61, 127, 128
 Tries 10
 Trigrams 5
try_extra_letter 77, 192
try_missing_letter 77-78, 192-193
try_one_letter_wrong_at 78-79, 190-191
try_transposed_letters 76, 191
try_wrong_letter 77-78, 192
 Two-level search 10
 TYPO 3, 5-6, 126

U

UNIX 5, 17, 46
update_current_position 45, 166
 Upper/lower case 4
 User control of the speller 104-112

W

Word processing 1

write_mod_token 99

write_statistics 104-106, 197-198

write_token 148