Global Table of Contents - ALS Manuals

Introduction and Contents 2	ALS
Legal: License, Copyrights, Restricted Rights St ALS-3	atement, and Trademarks
Navigation and Manual Organization	ALS-37
Finishing the Installation	ALS-39
On-Line Manual Readers	ALS-45
C - GNU, DJGPP Sources & Info	ALS-46
Contacting ALS	ALS-47
AcknowledgementsALS Prolog User Guide UG-49 UG-49	ALS-48
The ALS Prolog Language: Standard Part 50	UG-
The Syntax of ALS Prolog	UG-51
Constants	UG-51
Variables	UG-55
Compund Terms	UG-56
Curly Braces	UG-56
Lists	UG-56
Strings	UG-57
Operators	UG-57
Comments	UG-61
Preprocessor Directives	UG-61
Prolog Source Code	UG-63
Source Terms	UG-63
Program Files	UG-65

Preprocessor Directives.	UG-71
Modules Declaring a Module Sharing Procedures Between Modules Finding Procedures in Another Module Default Modules References to Specific Modules Nested Modules Facilities for Manipulating Modules	UG-73 UG-73 UG-75 UG-75 UG-77 UG-78 UG-78 UG-80
Using Definite Clause Grammars	UG-82 UG-82 UG-83
The ALS Prolog Language: Extensions 87	UG
Working with Uninterned Atoms	UG-88 UG-89 UG-90 UG-94
Global Variables, Destructive Update & Hash Tables 'Named' Global Variables The Primitive Global Variable Mechanism. Destructive Modification/Update of Compound Terms 'Named' Hash Tables Primitive Hash Table Predicates	UG-96 UG-96 UG-97 UG-100 UG-101 UG-104
Freeze, Exceptions, Events, Interrupts, Signals Freeze Exceptions. Interrupts. Events Signals.	UG-106 UG-106 UG-110 UG-116 UG-121 UG-124

Prolog Builtins and Library 129	UG
Prolog I/O	
Streams, Sources, and Sinks.	UG-130
Opening and Closing Streams.	UG-134
Stream Environment.	UG-147
Byte Input/Output.	UG-155
Character Input/Output.	UG-156
Character Code Input/Output	UG-164
Term Input/Output.	UG-165
Operator Declarations	UG-182
DEC10-Style I/O Predicates	UG-183
The user file	UG-186
Prolog Builtins: Non-I/O	UG-187
Term Manipulation	UG-187
Atom and UIA Manipulation	UG-190
Type Conversion	UG-191
Collectives	UG-193
Prolog Database	UG-193
Global Variables	UG-196
Control	UG-196
Arithmetic	UG-198
Program and System Management	UG-198
Date and Time	UG-201
File Names	UG-202
File System	UG-206
I-Code Calls	UG-212
The ALS Library Mechanism	UG-220
Overview of ALS Library Mechanism and Tools.	UG-220
Lists: Algebraic List Predicates (listutl1.pro)	UG-221
Lists: Positional List Predicates (listutl2.pro)	UG-223
Lists: Miscellaneous List Predicates (listutl3.pro)	UG-226
Tree Predicates (avl.pro)	UG-228

Miscellaneous Predicates (commal.pro)	UG-229
I/O Predicates (iolayer.pro)	UG-230
Control Predicates (lib_ctl.pro)	UG-230
Prolog Database Predicates (misc_db.pro)	UG-231
I/O Predicates (misc_io.pro)	UG-232
I/O Predicates (simplio.pro)	UG-234
String Manipulation Predicates (strings.pro)	UG-234
Miscellaneous Predicates (xlists.pro)	UG-235
Development Tools DT237	
Development Environment DT238	
TTY Development Environment	DT239
Asking Prolog to Do Something	DT240
How to Load Prolog Programs	DT241
Stopping a Running Prolog Program	DT242
How ALS Prolog Finds Prolog Files	DT242
Controlling the Search Path	DT244
Using the Prolog Startup File	DT246
ALS Prolog Command Line Options	DT246
Using the Four-Port Debugger	DT251
The Four-Port Model	DT251
Creeping Along With the Debugger	DT256
Additional Debugger Commands	DT259
Changing the Leashing	DT261
Spying on Code	DT261
Leaping Ahead	DT262
Turning Off Spy Points	DT263
Getting Help	DT263
Exiting the Debugger	DT263
ALS Integrated Development Environment	DT264
Main Environment Window	DT264
Menus	DT267
Using the ALS IDE Debugger	DT278
Debugger Window Menus.	DT278

Tracing with the IDE Debugger.	DT281
Spying with the ALS IDE	DT288
Development Tools	
Using the GUI Library	DT291
Initializing the GUI library.	DT291
Dialogs.	DT291
Choices from lists.	DT294
Inputting atoms (answering questions).	DT298
File selection dialogs	DT299
Displaying Images.	DT301
Adding to the ALS IDE main menubar.	DT304
ALS Prolog - TCL/TK Interface	DT306
Introduction and Overview	DT306
Prolog to Tcl Type Conversion	DT306
Prolog Tcl Interface	DT306
Tcl Prolog Interface	DT308
Stand-Alone TCL	DT309
Packaging for Delivery	DT312
Abstract Data Types: Structure Definition	DT316
Specifying Structure Definitions	DT318
Compiling Structure Definitions	DT321
Using Compiled Structure Definitions	DT322
ObjectPro: Object-Oriented Programming	DT324
Overview of ObjectPro	DT324
Defining Objects and Sending Messages	DT326
Defining Classes	DT327
Specifying Class Methods	DT332
Examples	DT334
OOP_Event Queues	DT339
Using ObjectPro Tools	DT340
Command Line Execution	DT344

Cross Reference Analysis	DT345
Starting and stopping cref_shell.	DT346
Basic cref_shell Commands.	DT347
Displaying information from the tree.	DT348
Saving and restoring Trees; Contexts.	DT349
Requesting further analysis.	DT350
Directing Output.	DT352
User-defined processing.	DT352
MacroPro: A Macro Processor for ALS-Prolog	DT357
Introduction and Examples	DT357
Mode of Operation of MacroPro	DT358
Command Line Invocation of Macro Processing.	DT361
Predicates for Controlling Macro Processing.	DT361
ALS Prolog RF363	
Reference RF363	
Syntax	
RF364	
Prolog Language Syntax	RF365
Builtins	
RF386	
Builtins Reference	RF387
ASCII Table	RF641
Global Table of Contents - ALS Manuals	ALS-643
Index of Predicates	ALS-649
Master Index	AT S-655