Icon Technical Reports

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Technical reports related to the Icon programming language appear in the technical report series published by the Department of Computer Science at The University of Arizona. The list that follows is provided for reference only. The first two digits of a technical report number indicate the year in which it was published. Many technical reports are out of print; these are identified by the symbol $\textcircled{\oplus}$. Some recent technical reports that are out of print have been replaced by Icon Project documents. See IPD 198. Lower-case letters that follow numbers indicate revisions.

TR 78-3a	The Icon Programming Language; An Overview
TR 78-4	An Alternative to the Concept of "Pattern" in String Processing
TR 78-5	Backtracking with Generators
TR 78-8	A List Scanning Facility for Icon
TR 78-14	User's Manual for the Icon Programming Language
TR 78-15a	Programming Techniques Using Character Mappings in Icon
TR 78-16a	A Portable Storage Management System for the Icon Programming Language
TR 79-1a	Reference Manual for the Icon Programming Language
TR 79-2b	Transporting the Icon Programming Language
TR 79-9	Instrumenting Icon for Performance Measurement
TR 79-10	Tools for the Measurement of Icon Programs
TR 79-11	The Design and Implementation of a Goal-Directed Programming Language
TR 79-12a	Icon Implementation Notes
TR 80-2	Reference Manual for the Icon Programming Language; Version 3, UNIX Implementation
TR 80-9	A Tour Through the C Implementation of Icon
TR 80-20	Measuring the Performance and Behavior of the Icon Programming Language
TR 80-21	Expression Evaluation in Icon
TR 80-25	Pattern Matching in Icon
TR 81-1a	New Control Structures in Icon
TR 81-2	Sequences and Expression Evaluation in Icon
TR 81-4a	Reference Manual for the Icon Programming Language; Version 4, UNIX
	Implementation
TR 81-5	An Implementation of Generators in C
TR 81-6	Models of String Pattern Matching
TR 81-9	The Implementation of Goal-Directed Evaluation and Co-Expressions
TR 81-11a	A Tour Through the C Implementation of Icon; Version 4 (9)
TR 81-18	Control Mechanisms for Generators in Icon
TR 82-4	Co-Expressions in Icon
TR 82-8a	Programmer-Defined Control Operations in Icon
TR 82-16	Programmer-Defined Argument Evaluation Regimes
TR 82-20	The Control of Searching and Backtracking in String Pattern Matching
TR 83-3g	An Overview of the Icon Programming Language (#)
TR 83-4	Unifying String and List Processing in Icon
TR 83-5	Differences Between Versions 2 and 5 of Icon (9)
TR 83-6a	The Icon Program Library (9
TR 83-10d	Porting the UNIX Implementation of Icon
TR 83-11a	The C Implementation of Icon; A Tour Through Version 5
TR 83-14a	Understanding Pattern Matching — A Cinematic Display of String Scanning

TR 83-15	The Description and Manipulation of Sequences
TR 83-16	Seque: An Experimental Language for Manipulating Sequences
TR 83-19a	The Construction of Variant Translators for Icon O
TR 83-20	The Implementation of an Experimental Language for Manipulating Sequences
TR 84-5	Diagramming Icon Data Structures ®
TR 84-8	An Icon Subsystem for UNIX Emacs
TR 84-9	Rebus — A SNOBOL4/Icon Hybrid
TR 84-10a	Extensions to Version 5 of the Icon Programming Language (P
TR 84-11	A Tour Through the C Implementation of Icon; Version 5.9 The Icon Program Library; Version 5.9
TR 84-12 TR 84-13a	Installation and Maintenance Guide for Version 5.9 of Icon (9)
TR 84-14	Personalized Interpreters for Icon (9)
TR 84-16	Tables in Icon
TR 84-21	A Tool for Interactive Observation of the Icon Interpreter
TR 85-2	Seque: A Language for Programming with Streams
TR 85-4	Reference Manual for the Seque Programming Language
TR 85-8	The Implementation of Data Structures in Version 5 of Icon (9)
TR 85-13c	Bibliography of Documents Related to the SNOBOL, SL5, and Icon Programming
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TR 85-15a	Installation and Maintenance Guide for Version 5.10 of Icon (9)
TR 85-16	Version 5.10 of Icon (9)
TR 85-17a	Personalized Interpreters for Version 5.10 of Icon (9)
TR 85-18	The Icon Program Library; Version 5.10 😉
TR 85-19	A Tour Through the C Implementation of Icon; Version 5.10
TR 85-20a	Porting the UNIX Implementation of Icon; Version 5.10 (*)
TR 85-25	Programming in Icon; Part I — Programming with Generators
TR 86-1	A Pattern Matching Laboratory; Part I — An Animated Display for String Pattern Matching
TR 86-2b	Programming in Icon; Problems and Solutions for the Icon Newsletter @
TR 86-3a	The Icon Program Library for DOS; Version 5.9 🏵
TR 86-7	Dynamic Scanning Environments — A Generalization of String Scanning
TR 86-10	Version 6.0 of Icon (9)
TR 86-11e	Installation Guide for Version 6.0 of Icon on UNIX systems @
TR 86-12b	Personalized Interpreters for Version 6.0 of Icon (9)
TR 86-13b	Icon Program Library; Version 6.0 @
TR 86-15	A Continuation Semantics for Icon Expressions
TR 86-20	An Expression Data Type for Icon
TR 86-25d	Transporting Version 6 of Icon (9)
TR 86-26a	The Construction of Variant Translators for Version 6 of Icon (9)
TR 87-2	A Recursive Interpreter for Icon
TR 87-5	Real-Time Garbage Collection of Strings and Linked Data Structures
TR 87-6	Programming in Icon; Part II — Programming with Co-Expressions
TR 88-1	A Preprocessor for Icon (9)
TR 88-5a	Version 7 of Icon (9)
TR 88-6c	Installation Guide for Version 7 of Icon on UNIX Systems (9)
TR 88-7a	Personalized Interpreters for Version 7 of Icon (9)
TR 88-8c	Building Variant Translators for Version 7 of Icon (9)
TR 88-9c	Transporting Version 7 of Icon (19)
TR 88-10 TR 88-11	A Stream Data Type for Icon Concurrent Processes for Icon
TR 88-25	A Type Inference System for Icon (#)
TR 88-30	The Design and Implementation of High-Level Programming Language Features
-110000	for Pattern Matching in Real Time
TR 88-31	The Implementation of Generators and Goal-Directed Evaluation in Icon
TR 88-41	Version 7.5 of Icon (1)
TR 89-30	The Visualization of Dynamic Memory Management in the Icon Programming
	Language

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TR 90-1d	Version 8 of Icon (9)
TR 90-2h	Installation Guide for Version 8 of Icon on UNIX Systems @
TR 90-3a	Personalized Interpreters for Version 8 of Icon (9)
TR 90-4a	Variant Translators for Version 8 of Icon (9
TR 90-5c	Transporting Version 8 of Icon 😉
TR 90-6c	An Overview of Version 8 of the Icon Programming Language (9)
TR 90-7b	The Icon Program Library (9
TR 90-8b	Icon-C Interfaces (9
TR 90-10b	Programming in Idol: An Object Primer
TR 91-1c	X-Icon: An Icon Windows Interface (9)
TR 91-16	The Implementation of an Optimizing Compiler for Icon
TR 92-18	The Run-Time Implementation Language for Version 8.7 of Icon (#)
TR 92-26	X-Icon: An Icon Windows Interface; Version 2 @
TR 92-32	Window Interface Tools for X-Icon ®
TR 92-34	XIB: X-Icon Interface Builder 🏵
TR 93-9	X-Icon: An Icon Windows Interface; Version 8.10 @
TR 93-21	A Framework for Monitoring Icon Program Execution
TR 93-32	Type Inference in the Icon Programming Language

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