

8. POINTERS AND C STRINGS

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Nov. 22, 2024

Review

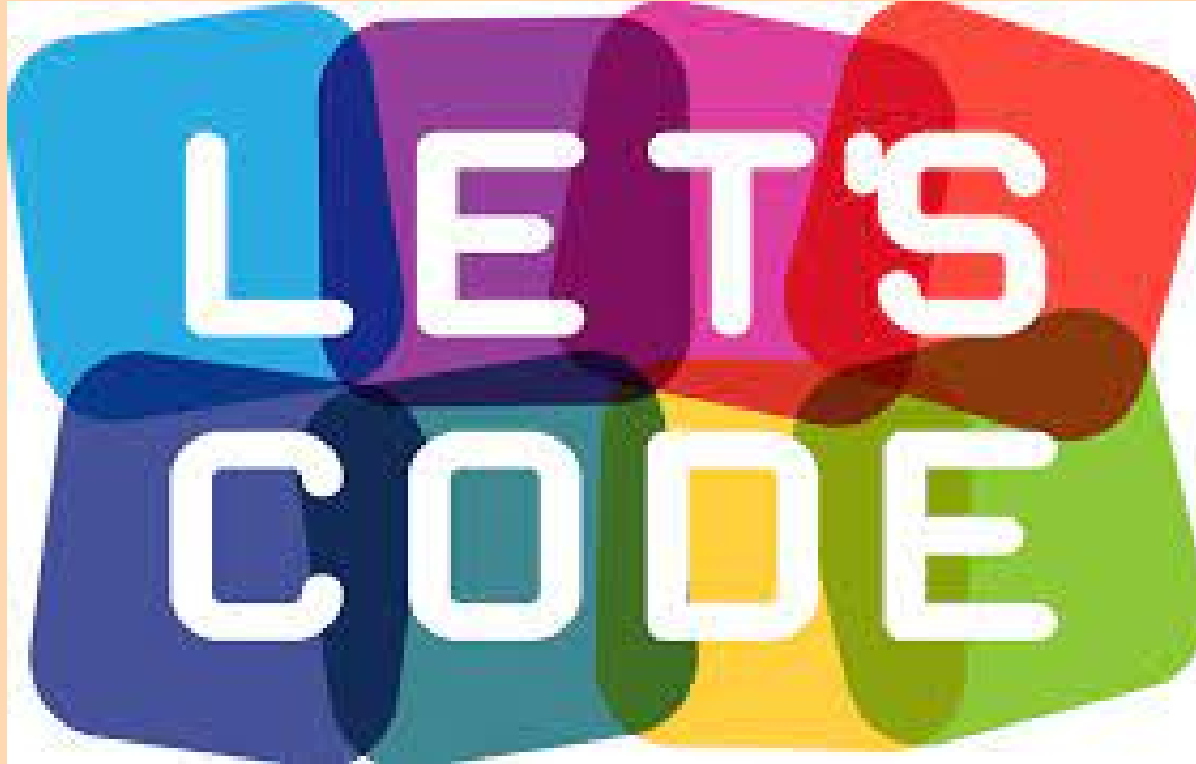


Pointers and Arrays (7 = 4 + 3)

Overview

Pointers and C Strings

Null-terminated byte strings (NTBS).



str-literals.c

strlen.c

strcmp.c

strcpy.c

strcat.c

Programming languages — C

(cover sheet to be replaced by ISO)

This is a working document of SC22/WG14

This version of the document is intended to be the version that is to go into ballot for C17.

- It is based on the transformed L^AT_EX version of the document that has been proofread by the members of WG14 and that has been approved by teleconference in June 2017.
- It applies all TCs of closed DRs up to April 2017.
- It applies the changes that have been voted in Markham.
- It updates some normative references.
- It provides the minimal changes required for a new version of the standard.
- It integrates some editorial changes that had been found during the revision process.

A brief explanation of the changes could still be added to the foreword.

Document conventions

This document classifies identifiers into different categories. This categorization is important to produce a correct index.

The classes are

- Normal identifiers, `toto`.
- keywords, `while`
- symbols with external linkage of the C library, `malloc`
- types, `size_t`
- predefined macros that alias language features, `complex`

THE
STANDARD

<time.h> * <limits.h> * <float.h>
<stddef.h> * <ctype.h> * <locale.h>
<stdio.h> * <string.h>
<math.h> * <stdlib.h> * <assert.h>
<stdarg.h> * <setjmp.h> * <signal.h>
<time.h> * <limits.h> * <float.h>
<stddef.h> * <errno.h> * <locale.h>
<stdio.h> * <ctype.h> * <string.h>
<math.h> * <stdlib.h> * <assert.h>
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<time.h> * <limits.h> * <float.h>
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LIBRARY

