



# CSUTLDT-cbl-0.4.4

**Report date:** 2025-03-03T09:08:58.546597344Z

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# Documentation

## 1. High Level Overview Of This Program

### 1.1. Program Name

CSUTLDTC

### 1.2. Main Purpose

The main purpose of CSUTLDTC is to validate a given date using the CEEDAYS API. It checks if the provided date is valid according to a specified date format and returns the result of the validation.

### 1.3. Business Context

This program operates in the context of date validation and processing. It is likely part of a larger system that requires date validation for various business processes, such as data entry, report generation, or data processing where accurate date information is crucial.

### 1.4. Key Features

1. **Date Validation:** The program uses the CEEDAYS API to validate a given date (LS-DATE) against a specified date format (LS-DATE-FORMAT).
2. **Error Handling:** It provides detailed error messages for various date validation scenarios, such as invalid date values, insufficient data, or unsupported date ranges.
3. **Result Reporting:** The program generates a message (WS-MESSAGE) containing the severity of the error, message code, validation result, test date, and the date format mask used.
4. **Flexible Date Format:** The program can handle different date formats as specified by the input parameter LS-DATE-FORMAT.

### 1.5. Input Output

Input Tables:

N/A

Output Tables:

N/A

Input Files:

N/A

**Output Files:**

N/A

**Miscellaneous Input:**

1. LS-DATE: The date to be validated, provided as an input parameter.
2. LS-DATE-FORMAT: The format of the input date, also provided as an input parameter.

**Miscellaneous Output:**

1. LS-RESULT: An 80-character string containing the validation result, including error messages if applicable.
2. RETURN-CODE: A numeric value indicating the severity of the validation result.

## 1.6. Integration

This program does not interact with any external systems. It operates as a standalone date validation utility, likely called by other programs within the same system that require date validation functionality.