

%xucont - Dataset Contents Procedure Utility

Overview

The **%xucont** macro executes the CONTENTS procedure on one or more datasets, providing detailed information about dataset attributes, variables, and metadata. It supports multiple datasets and customizable CONTENTS procedure options while handling error checking for dataset existence.

Version Information

- **Version:** 1.0
- **Last Updated:** 12AUG2022
- **Author(s):** Atorus Research

Dependencies

- SAS version: SAS 9.4 V9
- No macro dependencies

Parameters

Parameter	Required	Default	Description
inds	Yes	-	Space-separated list of input dataset names
sourcelib	Yes	-	Name of the input library
contopts	No	varnum	Options for the CONTENTS procedure

Return Values/Output

Generates CONTENTS procedure output for each dataset:

- Dataset attributes
- Variable information
- Index information
- Sort information
- Additional metadata based on specified options

Processing Details

1. Input Validation:

- Verifies required parameters
- Checks for non-empty values
- Validates dataset existence

2. Dataset Processing:

- Parses multiple dataset names
- Verifies each dataset exists
- Handles errors individually

3. Output Generation:

- Executes CONTENTS procedure
- Applies specified options
- Generates separate output for each dataset

Examples

Basic Usage

```
%xucont(dm, sdtm);
```

Multiple Datasets

```
%xucont(dm suppdm ae suppae, sdtm);
```

Custom Options

```
%xucont(  
    inds=adsl adae,  
    sourcelib=adam,  
    contopts=varnum short  
);
```

Common Issues and Solutions

Issue	Solution
Dataset not found	Verify dataset exists in library
Invalid library	Check library assignment
Invalid options	Review PROC CONTENTS documentation

Notes and Limitations

- Processes multiple datasets sequentially
- Continues processing after dataset errors
- Default option is VARNUM for variable ordering
- Reports errors for missing datasets
- Each dataset processed independently

- No temporary datasets created
- Output format follows PROC CONTENTS standards
- Error messages identify specific dataset issues

See Also

- `%xuload`: Dataset loading utility
- `%xusave`: Dataset saving utility
- `%xuct`: Controlled terminology validation

Change Log

Version	Date	Author	Changes
1.0	12AUG2022	Atorus Research	Initial version