

Publicly Available National Standard References in Online HTML Help

**Alan Houser, C/NET Solutions,
Public Health Institute**

**Jennifer Seiffert, Northrop
Grumman Mission Systems**



**DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION
Atlanta, Georgia, USA**



Brief History of Registry Plus Online Help

- ◆ WinHelp product
- ◆ Integrated in RP software and stand-alone
- ◆ Adopted, adapted, and distributed by several other software vendors including C/NET, RMCDS, IMPATH
- ◆ Included references available in electronic form without copyright issues

Advantages of Online Help Manuals

- ◆ Interface already familiar to Windows users
- ◆ Windows operating system provides engine
- ◆ Robust set of authoring tools available
- ◆ Hyperlinks enhance accessibility of information

Advantages of Distributing Manuals in Combined System

- ◆ Integrated table of contents, index, and full-text searching
- ◆ Cross-referenced topics via hyperlinking
- ◆ Rapid turn-around on updates

Reasons to Migrate to HTML Help

- ◆ WinHelp no longer supported by Microsoft
- ◆ Enhanced navigation features
- ◆ Facilitates “single source” with output in more than one medium (.chm, web, java, Oracle, print)

Manuals Included

- ◆ **NAACCR Data Dictionary, version 10 (chapter XI of Vol. II)**
- ◆ **FORDS, with published updates**
- ◆ **SEER Coding Manual, with published updates**
- ◆ **SEER EOD, with published updates**
- ◆ **ROADS sections still needed for coding in 2003, including site-specific surgery**
- ◆ **ICD-O-3**
- ◆ **California Volume I (CNExT only)**

HTML Help Characteristics

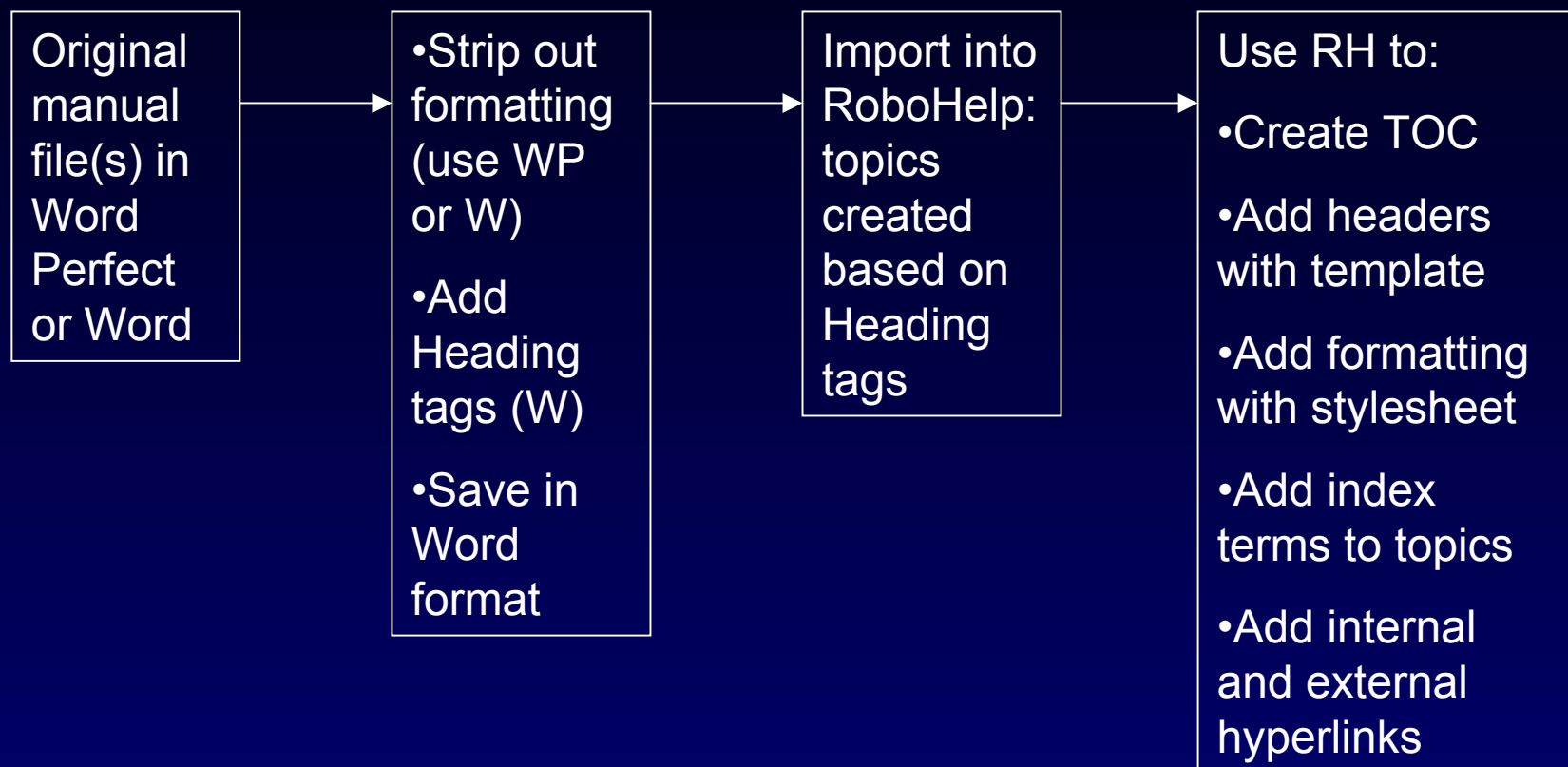
- ◆ Each topic is a single file in HTML (HyperText Markup Language) format
- ◆ Compiled manual can be distributed as single .chm file, readable by Windows operating system
- ◆ Multiple manuals can be distributed as individual .chm files, integrated through a master .chm file
- ◆ Navigation pane is always accessible next to active topic

Why Use RoboHelp®?

- ◆ Integrated file management (> 1000 files)
- ◆ GUI, speedy changes to multiple topics
- ◆ Both native and WYSIWYG HTML editor views
- ◆ Facilitates migration from source documents
- ◆ Allows compiling into versions readable on UNIX, other non-Windows platforms

Robohelp® is a product of eHelp Corporation

Manual-to-HTML Help Path



Moving toward Single-Source

- ◆ **California Volume 1, Abstracting and Coding Procedures for Hospitals, imported into RoboHelp and updated in HTML**
- ◆ **Single-source processing permits generating both online and printed help manuals**
- ◆ **Use of conditional build tags to customize output in either direction**

Online Output vs Printed Output

Part VI, Treatment

VI.2.1 Surgery of the Primary Site

See FORDS Appendix B for Site-Specific Surgery Codes

Generally, cancer surgery is coded with the suffix:



California Cancer Registry Volume I: Data Standards and Data Dictionary

Source: *Cancer Reporting in California: Abstracting and Coding Procedures for Hospitals (California Cancer Reporting System Standards, Vol. I)*, updated 6/1/2003

- Biops
- Biops
- Cher
- Coni
- Cryo
- Dess
- Elect
- Fulg
- Lase

VI.2.1 Surgery of the Primary Site

[Click here for FORDS Site-Specific Surgery Codes](#)

Generally, cancer-directed surgery includes most procedures that involve removal of a structure (those with the suffix "ectomy") and such procedures as:

- Biopsy, excisional (which has microscopic residual disease or no residual disease)
- Biopsy, NOS, that removes all tumor tissue
- Chemosurgery (Moh's technique)

Part VI, Treatment

Creating Context-Sensitive Help

- ◆ Ability to go from program function to help topic that describes that function
- ◆ Requires a map file, linking context in program (e.g., dialog, data item) to specific help topic
- ◆ Default map IDs for data fields are NAACCR numbers

Availability

- ◆ Integrated in Registry Plus and C/Net products with context-sensitive help
- ◆ Stand-alone available FREE OF CHARGE from CDC web site (soon), FTP download (soon), or on request
(jenesei@insightbb.com)
- ◆ Other software vendors may integrate or distribute
- ◆ States may distribute their own help files to end users and/or vendors

State and Vendor Flexibility

- ◆ **States can distribute coding manuals as easily as edits metafiles**
- ◆ **Source files for state or vendor manuals are not needed to integrate at first level (table of contents, index, full text search)**
- ◆ **Cross-references (hyper-linking) and context-sensitive help require more effort to integrate, including access to source files**

Future Plans for RPOH

- ◆ Update all references with published changes
- ◆ Add Collaborative Staging Manual
- ◆ Consider additional features, such as glossary and site-specific browsing
- ◆ Add site-specific context help for surgery and EOD (available now in CNEExT)
- ◆ User feedback