Free!
Implementation Guide Authoring and Management Tool for HL7 v2

✓ **Better requirement specification**
✓ **Web-application tools**
✓ **Single source-of-truth**
✓ **Computable HL7 vs Profiles**
✓ **Customization of local implementation guides**

Faster, more efficient method to produce better quality, easier-to-maintain Implementation Guides

Issues and Need

- Improved methods and best practices for specifying requirements
- Antidote for ambiguous and inconsistent requirement specifications
- Support for local implementation guides

Description of NIST Implementation Guide Authoring and Management Tool

- Produces "automatic", machine-computable interface specification artifacts exportable from tool as XML artifacts and in human readable formats (Word, HTML)
- Enables domain experts to create unambiguous and consistent requirement specifications
- Creates both narrative text and messaging requirements in a standardized and structured format
- Can be used to create adaptation of national standard to local jurisdictions
- Can be used for basis of testing tools

NIST Implementation Guide Authoring and Management Tool (IGAMT)
https://hl7v2.igamt.nist.gov/

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Advantages

- Better requirements specification leads to better implementations that improve data quality and consistency thereby **lowering costs**

The NIST IGAMT for HL7 v2 is being used by SDOs for creating implementation guides and by implementers for local specifications

NIST Implementation Guide Authoring and Management Tool

Select **IG Document** from the Menu Bar.

Select **Current IG Document**.

Modify / enter **Constraints** for Segment Elements

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