

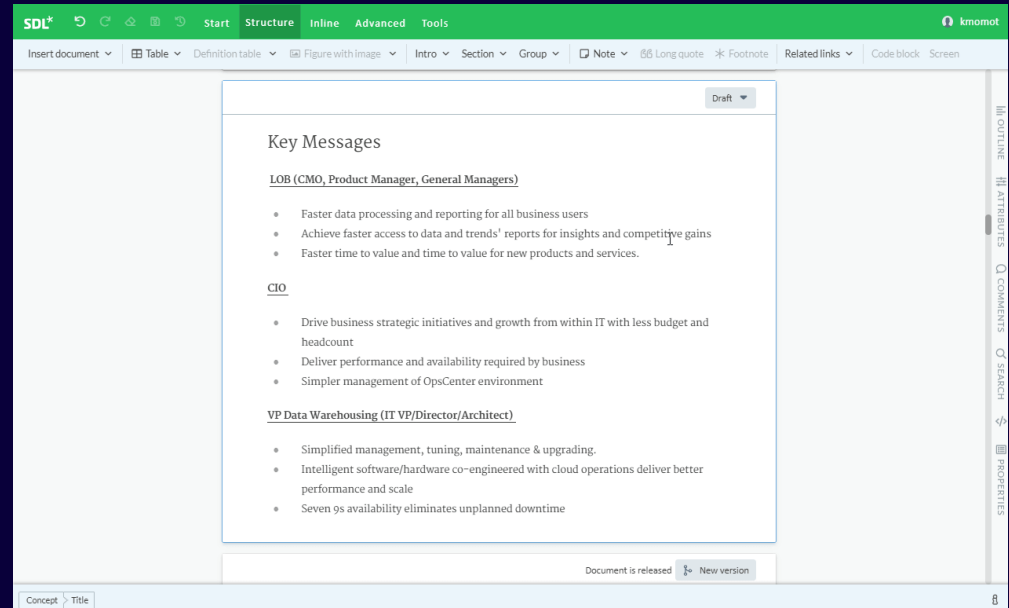


Editing large publications like flowing books in your browser

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About Fonto

- Authoring & Review software
- Tridion Docs;
Draft Space & Review Space



Structured content authoring made easy


We let **subject matter experts** create, edit and review mission-critical documents. Flawless, fast and efficient.

Technical documentation

ARRIS

COMPANY | SOLUTIONS | PRODUCTS | SERVICES | SUPPORT | MORE | Q




service provider and an anti-reverse mechanism to ensure that a gateway will not revert to a previous, vulnerable software version.

 A True IoT Service Hub

To support the breadth of IoT opportunities, ARRIS offers options for built-in IoT radios and software stacks that empower the home gateway to serve as the hub for the IoT devices. With onboarding, authentication and management of connected IoT devices, ARRIS gateways allow service providers to extend their offerings to include innovative, unified smart home services.

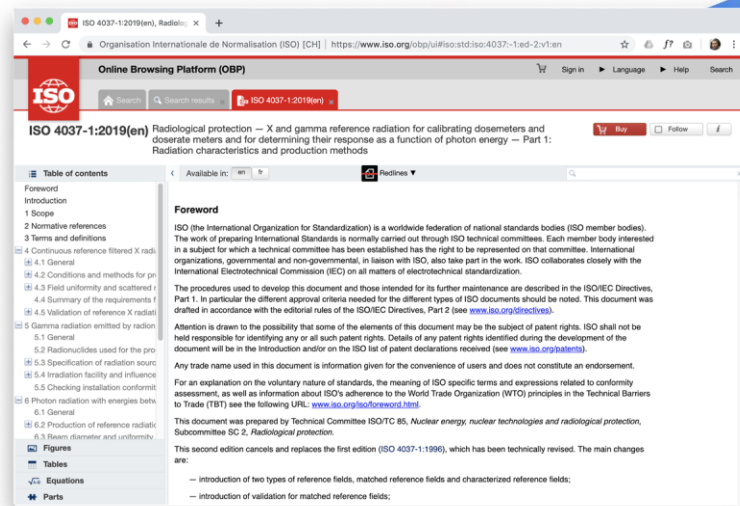
DETAILS

Note: specifications are subject to change without notice.

| DOC SIS 3.1 Gateways (DOC SIS 3.0) | | | | | | | | | | Regional Availability | | | |
|--|-------------|-------------|--------------|---------------|-------------------|------|-------------|-----|--|-----------------------|---------------|------|------|
| | DOC SIS 3.1 | DOC SIS 3.0 | 5 GHz Wi-Fi | 2.4 GHz Wi-Fi | GigE Ports | VoCA | Voice Ports | USB | | USA & Canada | CALA & Mexico | EMEA | APAC |
|  Touchstone® TG5442 | 2x2 | 32x8 | 4x4 802.11ac | 4x4 802.11n | Two + One 2.5Gbps | - | Two | - | | ✓ | ✓ | - | ✓ |
|  Touchstone® TGR442 | 2x2 | 32x8 | 4x4 802.11ac | 3x3 802.11n | Four | - | Two | - | | ✓ | ✓ | - | ✓ |
|  Touchstone® TGR442 | 2x2 | 32x8 | 4x4 802.11ac | 3x3 802.11n | Four | 2.0 | Two | 3.0 | | ✓ | ✓ | - | ✓ |



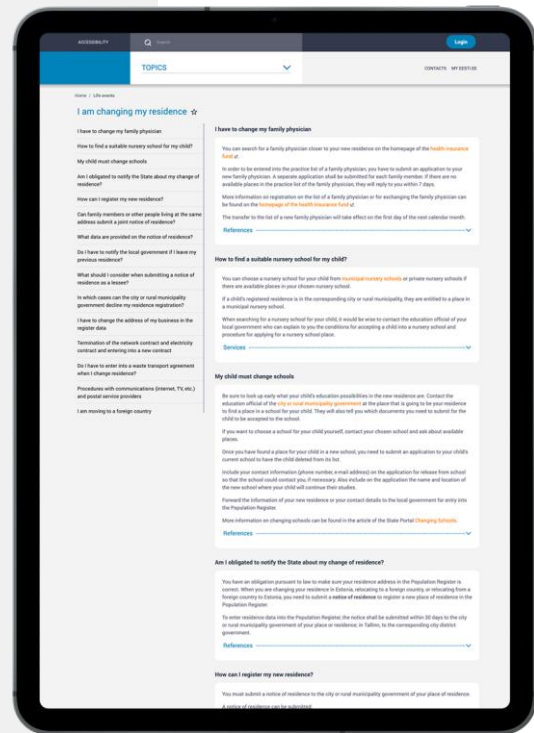
Standards and regulatory



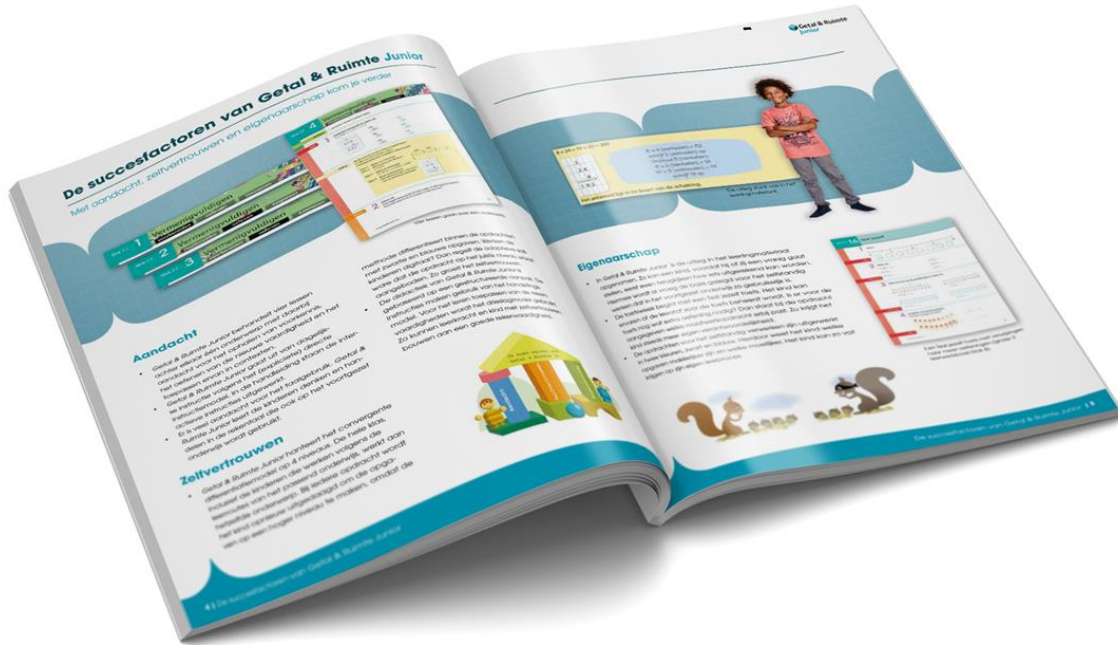
The screenshot shows the ISO 4037-1:2019(en) document page on the ISO website. The page title is "ISO 4037-1:2019(en) Radiological protection — X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy — Part 1: Radiation characteristics and production methods". The page includes a table of contents, a foreword, and a list of figures. The foreword states that ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization. The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/iso/directives). Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents). Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement. For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. This document was prepared by Technical Committee ISO/TC 85, Nuclear energy, nuclear technologies and radiological protection, Subcommittee SC 2, Radiological protection. This second edition cancels and replaces the first edition (ISO 4037-1:1996), which has been technically revised. The main changes are:

- Introduction of two types of reference fields, matched reference fields and characterized reference fields;
- Introduction of validation for matched reference fields;



[illegible]

Publishing



Context

Subject Matter Experts

- Not computer experts
- Documents not components
- Ms Word paradigm
- In browser
- Flaky network connections
- Low-end hardware

Key Messages

LOB (CMO, Product Manager, General Managers)

- Faster data processing and reporting for all business users
- Achieve faster access to data and trends' reports for insights and competitive gains
- Faster time to value and time to value for new products and services.

CIO

- Drive business strategic initiatives and growth from within IT with less budget and headcount
- Deliver performance and availability required by business
- Simpler management of OpsCenter environment

VP Data Warehousing (IT VP/Director/Architect)

- Simplified management, tuning, maintenance & upgrading.
- Intelligent software/hardware co-engineered with cloud operations deliver better performance and scale
- Seven 9s availability eliminates unplanned downtime

Draft ▾

Outline

Quick navigation

XDesign Sales Guide

▸ Market Insights

▸ Offer

▸ Audience

▸ Key Messages

▸ Key Features

▸ Sales Tactics & Messaging

▸ Qualifying Questions

▸ SWOT Analysis

▸ Customer Challenges and Competition

▸ Use Cases and References

▸ Selling Tools and Contacts

Document is released

New version

Technique 1

Viewport culling: don't render that which is not **visible** on the screen anyway

- Only render elements if in viewport
- Replace invisible elements with simpler elements
- Reduce # of elements in DOM
- Improves rendering performance
- Common in game engines
- Level of Detail

Technique 2 - Overview

JIT loading: Only load content that is about to become visible and unload again once out of sight

- Just In Time
- Load when about to be in view
- Unload when out of view
- DITA: Maps & Topics
- Works well with viewport culling

Technique 2 - Challenge 1

But what about the **scrollbar height**? If you don't have the content, you don't know its height?

- We guess
- Apply a heuristic
- Placeholder in case of fast scrolling
- Average height of all topics
- Considered: cache heights, compute heights server-side, background height calculations

Technique 2 - Challenge 2

So how do you display the **outline**? You don't know the **titles** because they're in the content? You surely can't **guess** them?

- Do load all structural documents
- Index titles in structural documents
- Title are editable
- Drag & Drop
- Load all the DITA maps
- Tridion Docs indexes titles in the `<navtitle />` in DITA maps

Technique 2 - Challenge 3

What about **Find & Replace**? You can't possibly index all content?

- Streaming content one-by-one

Foreach:

- Load
- Scan & Record hits
- Unload

- Content is editable
- Pre-filter in the CMS may include false positives

Conclusions

- Opening large publications with seamless scrolling is possible
- Use view culling to improve rendering performance
- Use JIT-loading to reduce load times & memory usage
- Use indexing to download partial data
- Use streaming for "global" operations



Fonto

Thank you

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