ISO 25000 from standardization to adoption

ISO 25000 Round table

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Abstract

ISO 25000 è riconosciuto dalla comunità internazionale come standard di riferimento per la qualità dei prodotti IT. Al momento è :

1. non obbligatorio

2. agnostico per il contesto specifico

Questo documento mostra come entrambi i punti sono stati affrontati per facilitarne l'adozione: in particolare il primo punto le azioni di recepimento sia a livello nazionale che europeo intraprese; per il secondo punto, viene sfruttata una possibilità, offerta dallo standard stesso, per definire misure aggiuntive per specifici contesti, compresi quelli relativi alle nuove tecnologie.

ISO 25000 is recognized by the international community as the reference standard for IT product quality. It is at the moment:

1. not compulsory

2. agnostic for the specific context

This paper shows how both points have been addressed to get the adoption easier: in particular, for the first point, the national and european endorsement actions undertaken; for the second point, it is exploited a possibility, offered by the standard itself, for defining additional measures for specifi contexts, including new technologies ones.

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ISO 25000 adoption issues

ISO 25000 is recognized by the international community as the reference standard for IT product quality. It is at the moment:

1. not compulsory

2. agnostic for the specific context

 This papershows how both points have been addressed in Italy.

ISO 25000 adoption issues

Even if ISO 25000 adoption is on a voluntary basis, a great role is played by regulatory environment, which in turn is constituted by many actors:

-Policy Maker

-European standardization bodies (ESOs)

-National Body (NBs)

-National Regulation Authority (NRAs)

-Certification Authority (CAs)

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European standards endorsement path

Policy makers

European Multi-Stakeholders Platform on ICT Standardisation

..others..

Standardization bodies

EU Rolling Plan for standardization 2019

Experts feedback   EU RP for standardization draft

ISO/IEC 25000 series

National bodies

ISO 25000 key endorsement steps

in Italy

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ISO 25012 e 25024 translated,
UNI11725 Data quality measurement guideline

AGID | Agenzia per l'Italia Digitale

Linee Guida Nazionali per la Valorizzazione del
Patrimonio Informativo Pubblico Anno 2016

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

Certification Scheme ISDP@10003:2015
(privacy)

in EU

Commissione europea

Rolling Plan for Standardization 2019

NOTE : focus on data quality, but the approach is generally applicable

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UNI 11725 Data quality measurement guideline

UNI11725 Data quality measurement guideline, developed by UNINFO CT504, has defined a registration process for new conforming measure. This approach can be applied to:

- new technologies (e.g. Big Data, AI, IoT, Blockchain) but also
- well-known technologies where a specific need for measurement is arisen or
- standardized measures that were intentionally defined in a generic way.