

ISO/TC 211

perspective on an international
address standard

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... or, ISO/TC 211

how to address addresses?



First issue, ISO/TC 211 and domain standards ...

first

- ISO 19144-1 Classification Systems - Part 1: Classification system structure
- ISO 19144-2 Classification Systems - Part 2: Land Cover Classification System (LCCS)
- ISO 19146 Cross domain vocabularies

next

- Geographic information — Land Administration Domain Model (LADM)
- maybe describing essential variables relevant to climate and climate change (joint with UN and other ISO TCs ?)

Apparently ...

- ISO/TC 211 is already entering domain specific areas

but

- a general principle, no work within the scope of other technical committees
- instead, provide tools and methods that these other committees could use
- ISO is developing *global* standards, so a need to address and respect cultural and lingual differences

Classification of ISO 19100-standards

Content descriptions - Services

not complete

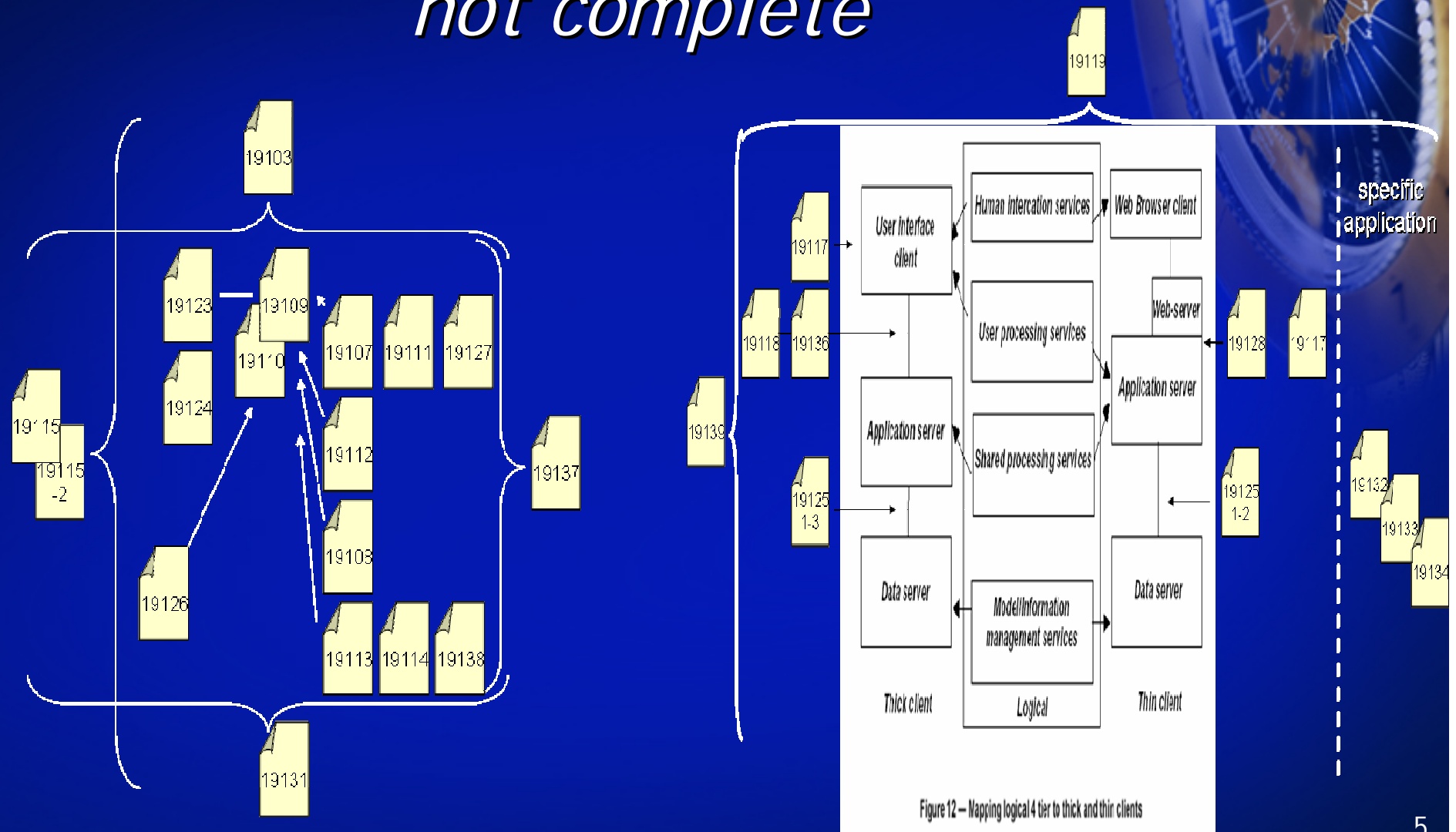


Figure 12 - Mapping logical 4 tier to thick and thin clients

Current work - more or less related

- ISO 19112:2003 Geographic information - Spatial referencing by geographic identifiers
- ISO 19132:2007 Location-based services -- Reference model
- ISO 19133 :2005 Location based services tracking and navigation
- ISO 19134:2007 Location-based services -- Multimodal routing and navigation
- ISO 19147 Location Based Services - Transfer Nodes
- ISO 19148 Location Based Services - Linear Referencing System
- ISO 19151 Dynamic position identification scheme for Ubiquitous space (u-position)
- new proposal - Place identifier

Some ISO/TC 211 concerns

- Is the domain mature enough for standardisation?
- ISO timeline
 - alternative - Stage 0 project
- Cultural aspects
 - framework standard at sufficiently high level
 - ISO's *global relevance* approach
- The obvious (?) - clear scope and justification

State of play

- Various national standards and activities
- INSPIRE thematic working group (and corresponding services)
- Projects like EURADIN (30 European partners)
 - best practice network
 - one objective to influence standards
- ...
- ...

If ISO/TC 211 should adopt such work

- Consider approach and scope very carefully
- Ambition should not be to replace working standards
- Possible content:
 - ontology
 - information model (at some level)
and, depending on the level
 - encoding
 - access services
- who takes an initiative?

Thank you !

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