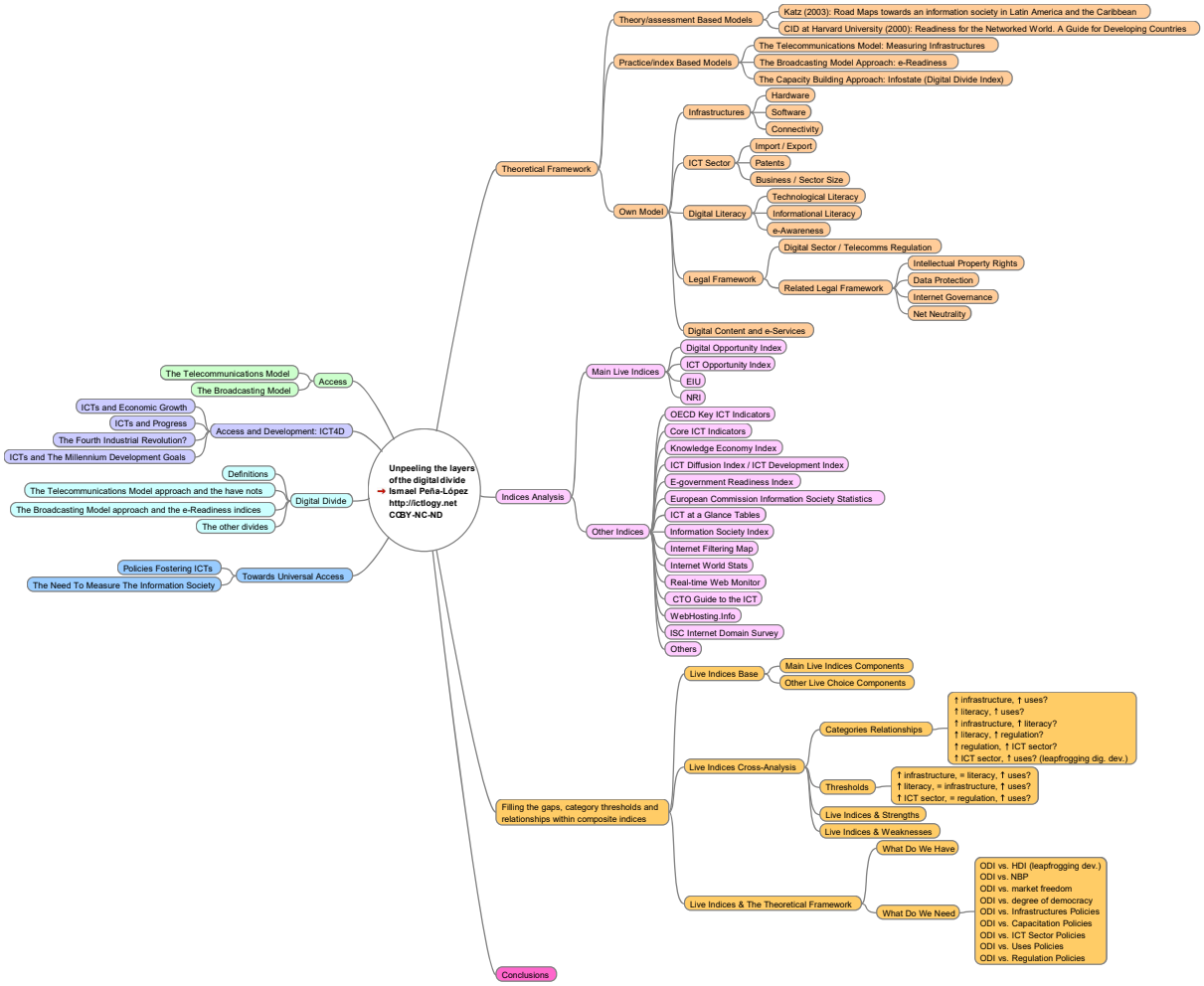
Unpeeling the layers of the digital divide
Ismael Peña-López
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Theoretical Framework
Theory/assessment Based Models
Katz (2003): Road Maps towards an information society in Latin America and the Caribbean
CID at Harvard University (2000): Readiness for the Networked World. A Guide for Developing Countries
Practice/index Based Models
The Telecommunications Model: Measuring Infrastructures
The Broadcasting Model Approach: e-Readiness
The Capacity Building Approach: Infostate (Digital Divide Index)
Own Model
Infrastructures
Hardware
Software
Connectivity
ICT Sector
Import / Export
Patents
Business / Sector Size
Digital Literacy
Technological Literacy
Informational Literacy
e-Awareness
Legal Framework
Digital Sector / Telecomms Regulation
Related Legal Framework
Intellectual Property Rights
Data Protection
Internet Governance
Net Neutrality
Digital Content and e-Services
Indices Analysis
Main Live Indices
Digital Opportunity Index
ICT Opportunity Index
EIU
NRI
Other Indices
OECD Key ICT Indicators
Core ICT Indicators
Knowledge Economy Index
ICT Diffusion Index / ICT Development Index
E-government Readiness Index
European Commission Information Society Statistics
ICT at a Glance Tables
Information Society Index
Internet Filtering Map
Internet World Stats
Real-time Web Monitor
CTO Guide to the ICT
WebHosting.Info
ISC Internet Domain Survey
Others
Filling the gaps, category thresholds and relationships within composite indices
Live Indices Base
Main Live Indices Components
Other Live Choice Components
Live Indices Cross-Analysis
Categories Relationships
↑ infrastructure, ↑ uses?
↑ literacy, ↑ uses?
↑ infrastructure, ↑ literacy?
↑ literacy, ↑ regulation?
↑ regulation, ↑ ICT sector?
↑ ICT sector, ↑ uses? (leapfrogging dig. dev.)
Thresholds
↑ infrastructure, = literacy, ↑ uses?
↑ literacy, = infrastructure, ↑ uses?
↑ ICT sector, = regulation, ↑ uses?
Live Indices & Strengths
Live Indices & Weaknesses
Live Indices & The Theoretical Framework
What Do We Have
What Do We Need
ODI vs. HDI (leapfrogging dev.)
ODI vs. NBP
ODI vs. market freedom
ODI vs. degree of democracy
ODI vs. Infrastructures Policies
ODI vs. Capacitation Policies
ODI vs. ICT Sector Policies
ODI vs. Uses Policies
ODI vs. Regulation Policies
Conclusions
Access
The Telecommunications Model
The Broadcasting Model
Access and Development: ICT4D
ICTs and Economic Growth
ICTs and Progress
The Fourth Industrial Revolution?
ICTs and The Millennium Development Goals
Digital Divide
Definitions
The Telecommunications Model approach and the have nots
The Broadcasting Model approach and the e-Readiness indices
The other divides
Towards Universal Access
Policies Fostering ICTs
The Need To Measure The Information Society