

Dr Alioune B. Traoré



# MANAGEMENT OF ccTLD AND DNS IN MALI

ICANN meeting Mexico 1 - 6 Feb

# AGENDA

- I. CONTEXT OF IMPLANTATION OF IP NETWORK
- II. HISTORY OF MANANGMENT OF ccTLD AND DNS
- III. GOVERNMENT'S STRATEGIE
- VII. SOME REFLEXIONS

## CONTEXT OF IMPLANTATION OF IP NETWORK

- Création of **Malipac** ( e-mail off line) on **1993**
- **1996** signature of agreement protocole « **LELAND initiative** »
- **December 1996 connexion** of NOC
- **Avril-juin 1997** connexion of for first ISP (BINTA, CEFIB, Datatech, Spider)
- **September 1997** inauguration of Internet in the country
- **Novembre 1997** repatriation of the management of the TLD .ml
- Feb 2000 organisation of international conference of Bamako2000
- **March 2001** program of extension of IP Network and création of **LIR**

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## HISTORY OF MANANGMENT OF ccTLD AND DNS

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# Lawful environment

- Structur and delegation Request for Comment (RFC) 1591 – Mars 1994
- Hiearchisation and ccTLD two letters for codes of country in ISO – 3166

# A Domain name

Name                      →                      IP Adress

dogon.sotelma.ml                      →                      208.144.208.1

Translation of name and return and IP adress

## HISTORY OF MANANGMENT OF ccTLD AND DNS

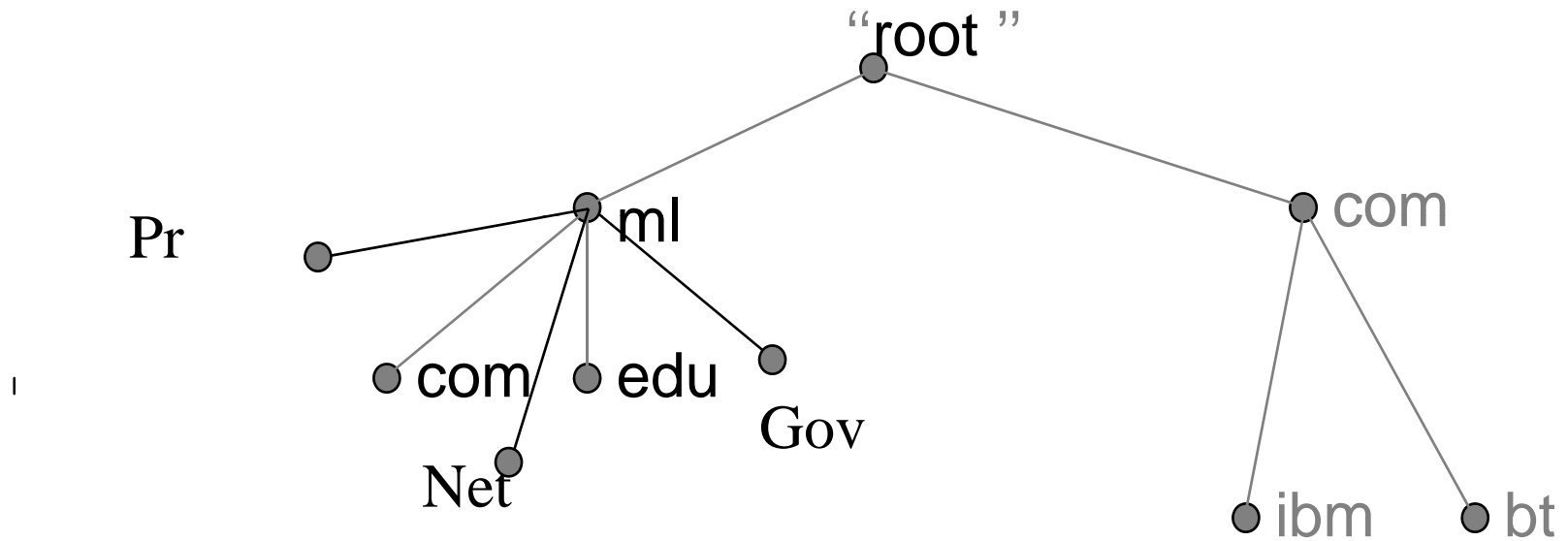
- Technical manangment by **ORSTOM** since **1993**
- Administrative manangment by CNRST
- NOC in the beginning with **IP adresses of MCI** (Initiative Leyland)
- January 1997 beginning of the negotiations for the repatriation of the management of the .ml
- Implication of **ministry of communication mai 1997** for obtention of technical manangment of ccTLD
- Acceptation of **IANA september 1997**

## HISTORY OF MANANGMENT OF ccTLD AND DNS (Suite)

- Technical Rapatriement of .ml **november 1997**
- **1998 – 1999** consultation with interested parties analyse of best practices in severals countries
- December 1999 adoption of a charter of naming The existing names will be preserved
- The domain is hosted in the operator of telecommunication and there is no formal structure representing a NIC
- Inexistence of a automatic management of the delegation of domain names
- Registrations of domain are only from national's structures
- The creation of second level is by opportunity



# "Tree" of Domain Names



Second Level

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# Stratégies institutionnelles

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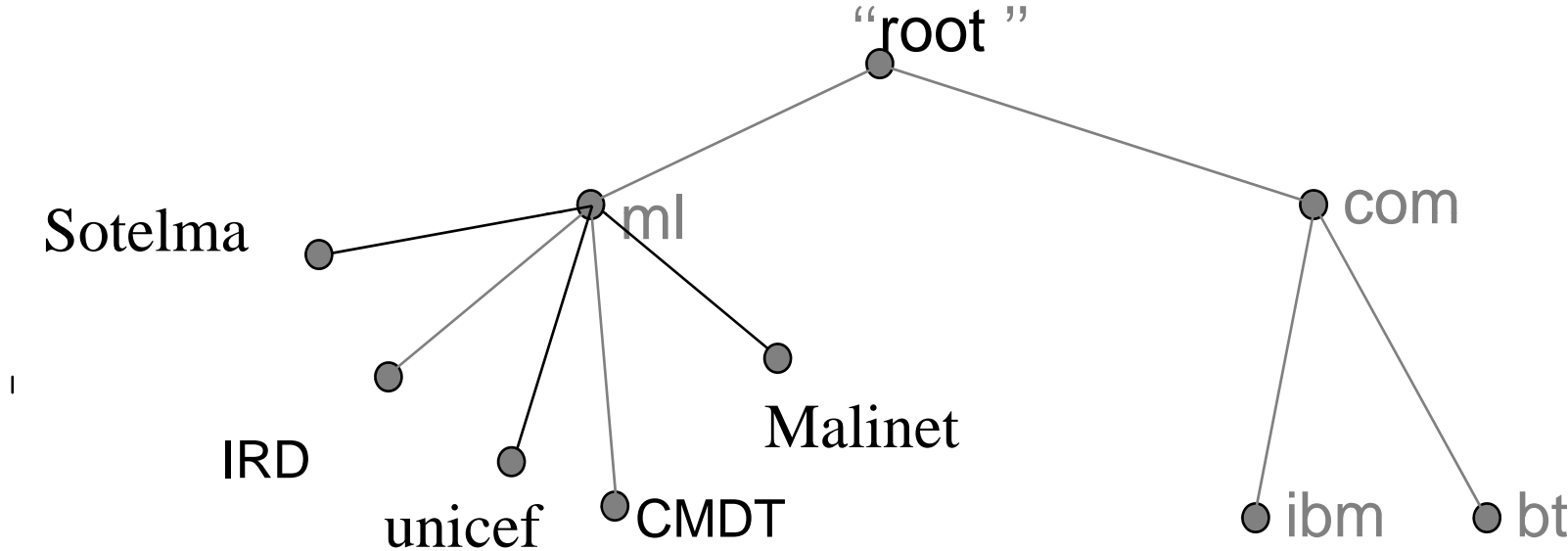
# Institutional strategies

- Creation of the Ministry for the Communication and the TIC
- Creation of a Mission of data processing and NTIC with primature changed by Agency
- Creation of departments of data processing in most of big institutions
- Installation of the governmental Intranet
- Presence of the civil society (ISOC, Enet)
- Présence of private secteur (Tradepoint)
- Organization of tripartite meetings (administration, civil society, private sector)

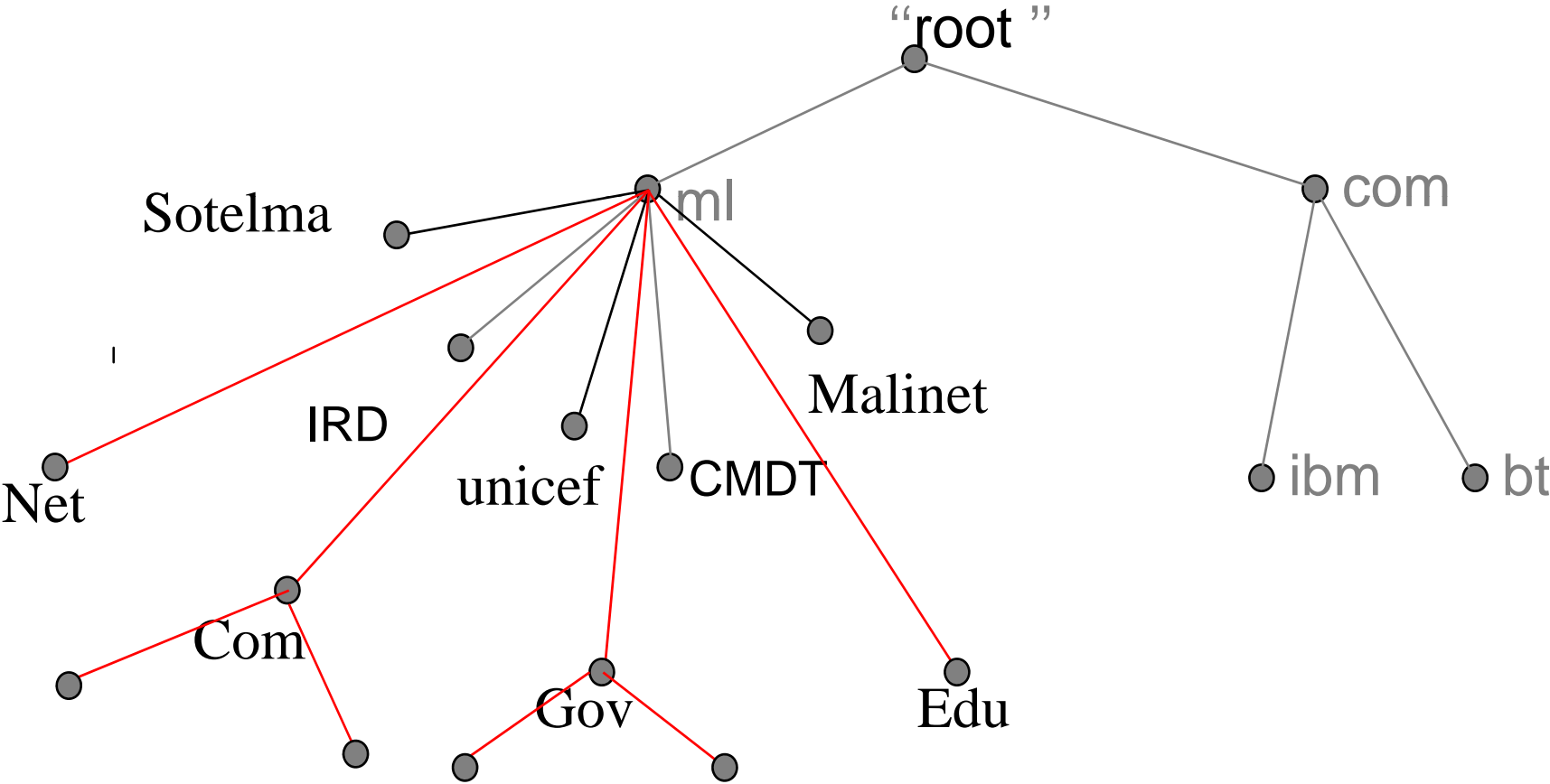
## Institutional strategies(suite)

- No operational decree of delegation at the agency
- Creation of first level domain during election 2007
- Affecting the chart of domain names
- Now consultation for reorganization the structure of management of ccTLD with tripartite (administration, civil society, private sector)

# It was

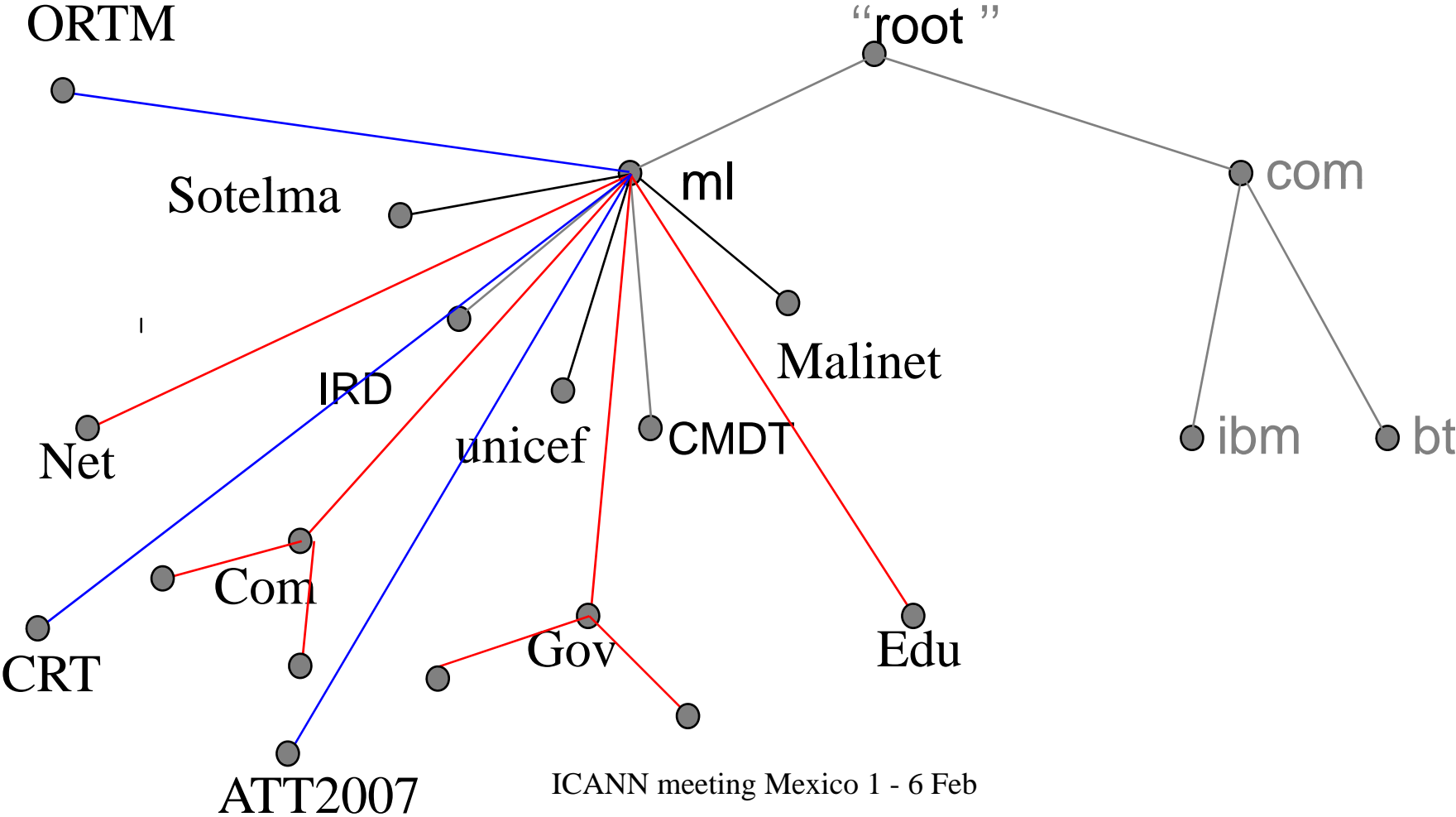


# It change to ...

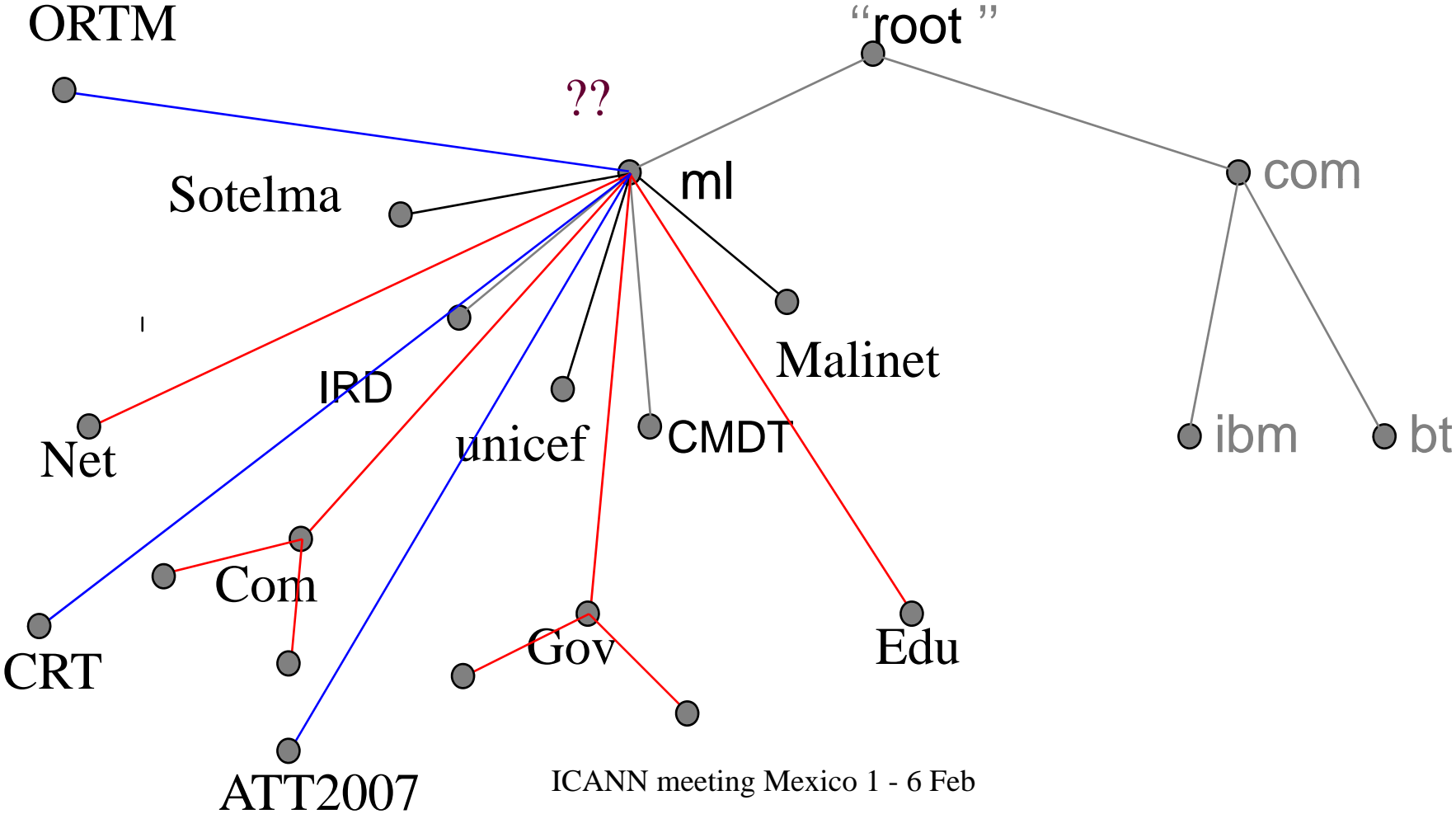


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# And then to ...



# What after ?? ...





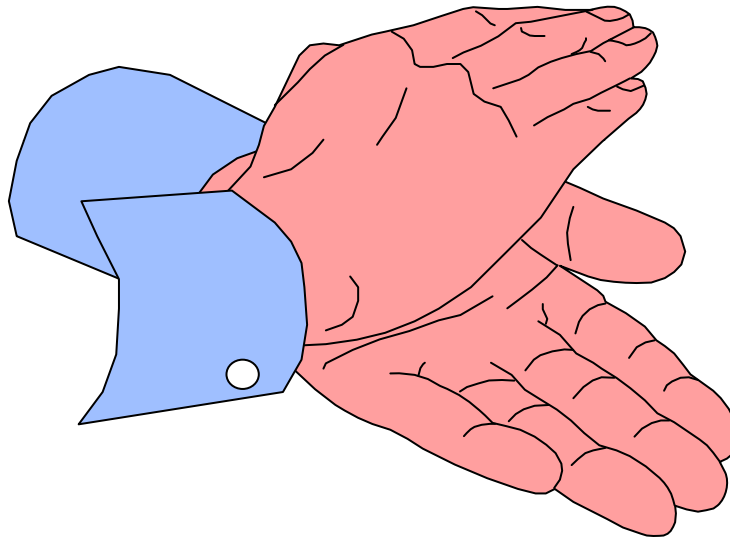
## SOME REFLEXIONS

- Changing the charte
- Adoption of registry – registrar model
- Création of formal organism for manangement
- Automatization of recording

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**MERCI !!!**

**Questions ???**

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