A new Registry for Angola

Ambitions for Angola & Africa in the digital world
History of Internet in Angola

- Angola joins the Regional Information Society Network for Africa (RINAF) that was initiated in 1992 as a framework for UNESCO's support for African co-operation to promote academic and public sector computer networking.

- Considering that Angola had to involve itself in the PII (International Informatics Program) which included RINAF, a delegation from Agostinho Neto University attended the V session of the IIP committee where it presented a paper entitled “L’Informatique Dans Le Secteur Publique en Republique d’Angola”.

- Pursuing this objective on 28th August 1996 Angola was formally and technically connected to the Internet with the support of Instituto Superior Técnico (IST) and of Fundação para a Computação Científica Nacional (FCCN) both from Portugal.
State of Internet in Angola

- Domain registration started in 1997
- Sub-domains classification "co.ao" "it.ao" "gov.ao" "ed.ao" "pb.ao" "og.ao"
- Strong technical support from FCCN - Portugal
- Hosting of the "ao" root by FCCN
- 700 domains are registered today
A new step for Angola

- Strong investments on the Internet
- Prices reduced by 50% for domain names registration
- Specific DNS support for Angolan engineers
- A will to enter international domain name market
- Launch of a new generation of Internet Services in Angola for “.it.ao” & “.co.ao”
- Promotion of peering links between operators
The development stages

- **Beginning of study:** February 2006
- **International team involving 5 countries**
  - Angola: funding and general direction
  - Portugal: technical support
  - France: team leading and consulting skills
  - Czech Republic: provider of the main Registry handling solution: FRED
  - Poland: top developing skills
A quest for the best solution

- Selection of a high end Registry solution: FRED
- Development of a Java Connector to interconnect FRED with the Registrar
  - Integration of the EPP protocol (FRED style)
  - Java connector available as an Open-Source at www.afrinet.eu
- Development of the first Angolan Registrar
- A plan to add more Registrar in the near future
Organization of the components

Root server for .AO

Full delegation of authority

Official Registry website for .CO.AO & .IT.AO

IT Angola Registrar website for .CO.AO & .IT.AO

Official Registrar website for .CO.AO & .IT.AO

Official Registrar website for .CO.AO & .IT.AO

Internet customers
Launching schedule

- A testing version is already available online
- Live restricted deployment for testing in 3 weeks
- Launch in september at URL http://reg.it.ao
A testing version of the Solution... Is already available online
A digital future for Angola

- Partnership with local ISP’s
- New international connexion to the Internet
- Development of a large scale hosting facility in Luanda
- New products derived from domain name registration
  - Mail services
  - Hosting services
A digital future for Africa

- All African countries are most welcome to join this cooperation program
- Angola and the International partners can provide support for the implementation of a similar project

- Thank you very much for your attention