



# CNRS CA

05 March 02

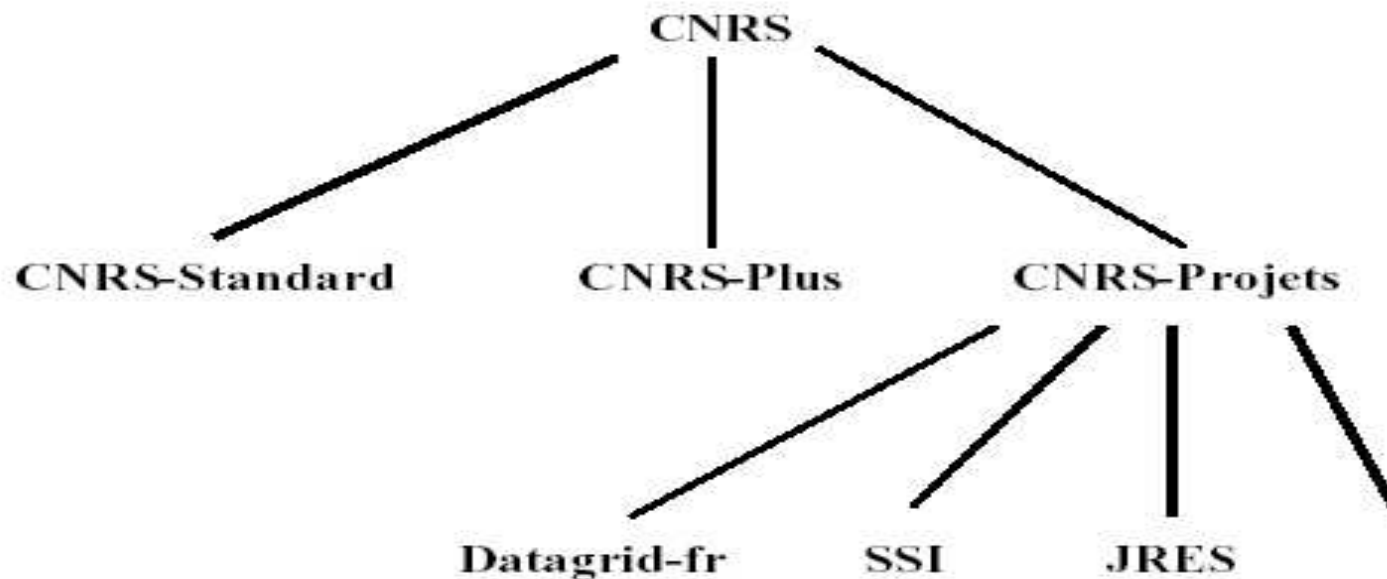
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## Overview of the CNRS CA

- ◆ 1000 valid certificate issued by the CAs CNRS at February 2002
- ◆ + 1800 issued by CNRS-Test before February
- ◆ 75 Registration authorities
- ◆ Every week around 30 certificates are issued
- ◆ Future : Each CNRS people will have a certificate (around 24 000)





## Status of the sub-CA Datagrid-fr

- ◆ Issued certificates for
  - 20 units of the CNRS
  - 5 others institutes (soon 6 with Austria)
- ◆ 148 certificates issued at 09 January 2002
  - 132 valids
    - 70 personals
    - 62 servers
  - 14 revoked
  - 2 expired



## Other institutes (1)

- ◆ CEA, Commissariat à l'Energie Atomique, France
  - DAPNIA, Département d'Astrophysique, de physique des Particules, de physique Nucléaire et de l'Instrumentation Associée à Saclay  
/C=FR/O=CEA/OU=DAPNIA  
Contact : Denis Calvet CEA/DAPNIA  
First certificate issued on 16/05/01  
8 certificates issued and valid, 5 personals and 3 servers
  
- ◆ CS, Communication & Système, France
  - SI, Système d'information  
/C=FR/O=CS/OU=SI  
Contact : Marc Drabik CS/SI Aix, Marc.Drabik@c-s.fr  
First certificate issued on 06/06/01  
2 personal certificates issued and valid



## Other institutes (2)

- ◆ ESA, European Space Agency
  - ESRIN, European Space Agency Centre in Frascati, Italy
  - /C=IT/O=ESA/OU=ESRIN  
Contact : Julian Linford ESA/ESRIN  
First certificate issued on 15/05/01  
6 certificates issued and valid, 4 personnels and 2 servers
  
- ◆ TUD, Technische Universitaet Dresden, Germany
  - IKTP, Institut fuer Kern und Teilchenphysik (Institute of Nuclear and Particle Physics) in Dresden. **BaBar** experience
  - /C=DE/O=TUD/OU=IKTP  
Contact : Dominique Boutigny IN2P3/LAPP  
First certificate issued on 21/12/01  
2 certificates issued and valid, 1 personnel et 1 server



## Other institutes (3)

- ◆ URA, University Research Association aux US
  - FERMILAB  $D\emptyset$  experience  
/C=US/O=URA/OU=FERMILAB  
Contact : Ruth Pordes URA/Fermilab  
First certificate issued on 12/10/01  
1 personal certificate issued and valid
  
- ◆ University of Innsbruck, Austria
  - HEPG, High Energy Physics Group. **ATLAS** experience  
/C=AT/O=UIBK/OU=HEPG  
Contact : Reinhard Bischof UIBK/HEPG  
First certificate will issue next week

# Data GRID CNRS Units

- ◆ 20 unités du CNRS
  - 129 certificates issued
  - 113 certificates valid including
    - 57 personals and 56 servers
  - 14 certificates revoked
  - 2 expired
- ◆ UREC, Marseille, Grenoble, Lyon
- ◆ CPPM, Marseille
- ◆ CC-LYON, CREATIS, IBCP, BBE in Lyon
- ◆ LPC, LBP, LIMOS in Clermont
- ◆ LPNHE, Palaiseau
- ◆ LAL, Orsay
- ◆ IPSL, Paris Jussieu
- ◆ GAM, LPM in Montpellier
- ◆ LAPP, Annecy
- ◆ SUBATECH, Nantes
- ◆ ISN, ID in Grenoble
- ◆ CENBG, Bordeaux
- ◆ LSIIT, Strasbourg

# Data GRID Process to renew certificates

1. User receive an email **two months before** the expiration of his certificate
  - ◆ He reply to this email "**agree** to renew my certificate"
  - ◆ Or "**refuse** to renew my certificate"
2. Registration Authority receive an email to verify the request
  - ◆ The RA **accept** the request → the certificate is renewed
  - ◆ The RA **refuse** the request → the certificate expired
3. The user receive his new certificate with the same DN

