The need for CHOICE
(Co-operative Hierarchical Object Indexing and Caching for Europe)

- Two related projects:
  - CHIC (Co-operative Hierarchical Indexing Co-ordination)
    - » Aims to co-ordinate indexing to produce a coherent, structured index of R&D information for Europe.
    - » Very early stages
    - » May use results from DESIRE (not decided)
  - CHOC (Co-operative Hierarchical Object Caching)

http://www.terena.nl/tech/projects/choc/

CHOC
(Co-operative Hierarchical Object Caching)

- Two successful caching workshops in Budapest for CEE countries (INSIGHT project, NATO ANW)
- Urgent need for co-ordination *internationally*
- Strong feeling from European R&D networking community and other bodies (e.g. CCIRN)

CHOC Objectives

- Promote the deployment of caching hierarchies in Europe.
- Linking these with initiatives in the US (NLANR).
- Co-ordination with other work on caching in Europe (DESIRE, INSIGHT, etc.)
- Provision of documentation and information for those wishing to start a caching service.

CHOC Activities

- Establishment of a task force: tf-cache@terena.nl
- Creation and maintenance of documentation.
- Establishment of European cache hierarchy and organisation of coordination meetings.
- Maintenance of information on caching initiatives in various countries.

CHOC Workplan

- Feasible short-term gains
- Three Work Packages:
  - WP1 Cache Co-ordination
    - » WP1.1 Survey
    - » WP1.2 Initial infrastructure changes
    - » WP1.3 Maintenance of cache relationships
  - WP2 Information on caching technology
  - WP3 Education

CHOC Will NOT...

- CHOC is not concerned with software / hardware development or configuration, only international cooperation
- Cannot determine a country's / network's caching policy for them
- Can only advise - cannot enforce - leading by example

CHOC Current Status

- Creation of mailing list tf-cache@terena.nl
  - >200 members
  - Used for dissemination
  - Expected to be used later for coordination of peering relationships
- Survey of cache maintainers
  - >160 responses
  - Detailed analyisis available at: http://w3cache.icm.edu.pl/survey/results/

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- First meeting - 26th September, Amsterdam
  - 14 representatives from 10 countries
  - some workplan chages:
    - » removal of "Education"
    - » addition of "Statistics collation"
    - » increase priority of information resources
    - » development of "justification" paper
  - European level cache unfeasible
  - Concentration on bilateral peering relationships
  - Real results by 1st Jan 1997.
- Next meeting - 23rd January 1997, Amsterdam

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Problems...

- Transit traffic for international parenting
- Tracking bilateral international interconnections
  - transition towards TEN-34
- CIX establishment / peering

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Joining in

- Most work carried out on electronic mailing lists.
  - Send a message to "mailserver@terena.nl" containing a "subscribe" command.
- To join a TERENA WG (e.g. WG-LLT)
  - `subscribe WG-LLT` *`Your Real Name`*
- To join TF-CACHE
  - `subscribe TF-CACHE` *`Your Real Name`*
- Contacting TERENA
  - Send a message to "tech-staff@terena.nl"

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