

# **Services provided by the CO-LaN**

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**Rueil-Malmaison, January 30, 2001**

# Benefits

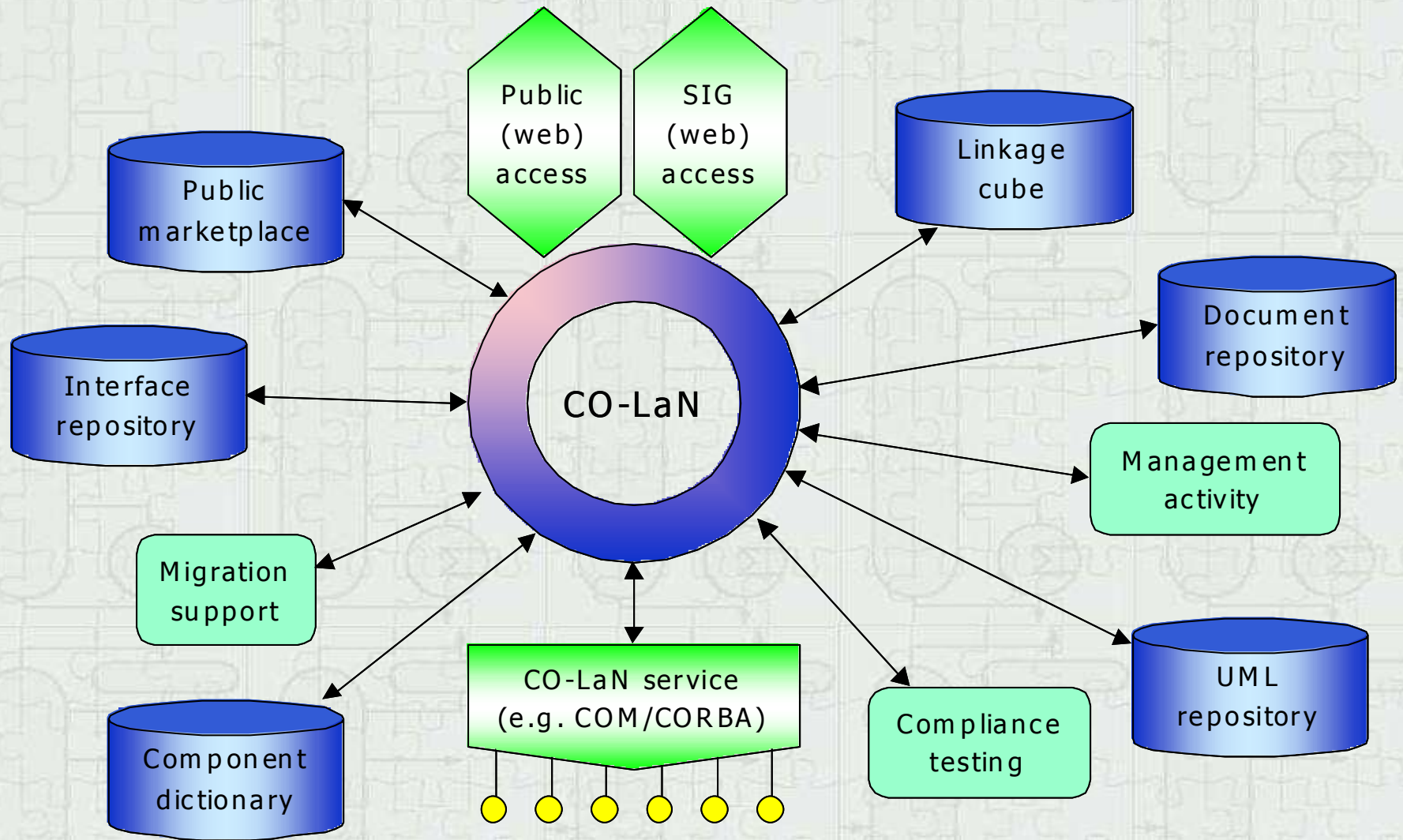
## ➤ To members

- ⇒ Influence the Technology Adoption Process
- ⇒ Network with Industry Experts
- ⇒ Access the CO-LaN Presentation Library
- ⇒ Develop Business Partnerships
- ⇒ Liaise With Other Standards Bodies
- ⇒ ...

## ➤ To non-members

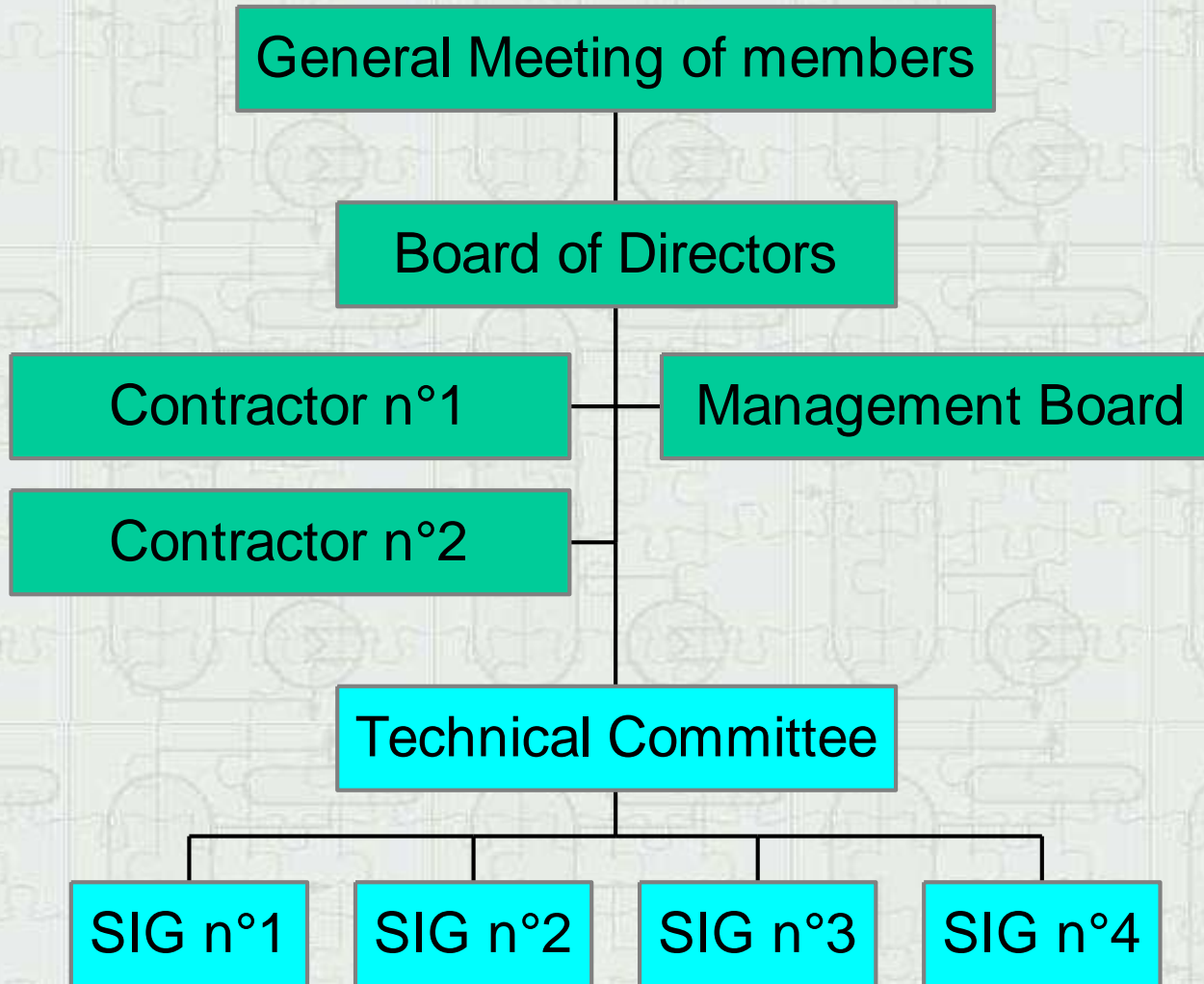
- ⇒ Promote Your Commitment to CO-LaN
- ⇒ ...

# Technical architecture



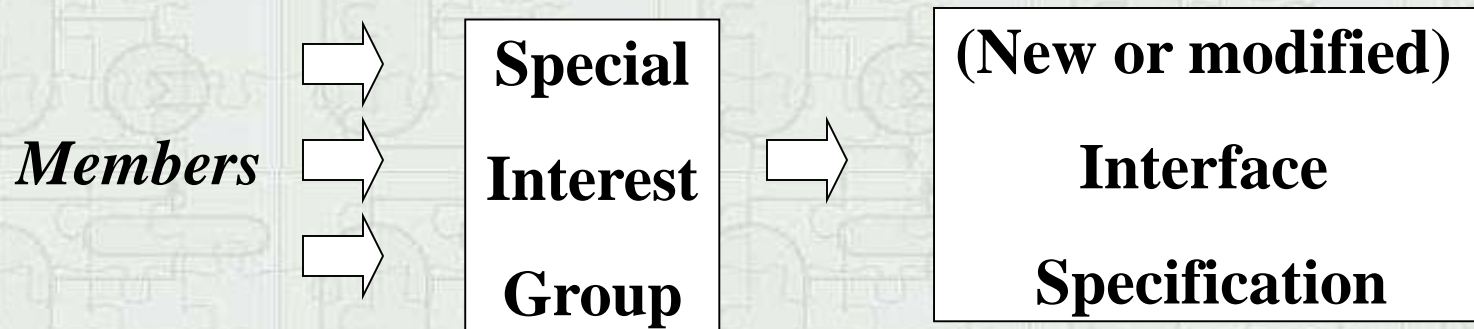


# CO-LaN organisation



# Influence the Technology Adoption Process

Through proven collaboration mechanisms, providers and users jointly shape CAPE-OPEN standards that better meet needs – suppliers and users create sound and timely business and technology development decisions based on known and quantified requirements.



# Bringing an interface specification to market

*Input from membership*



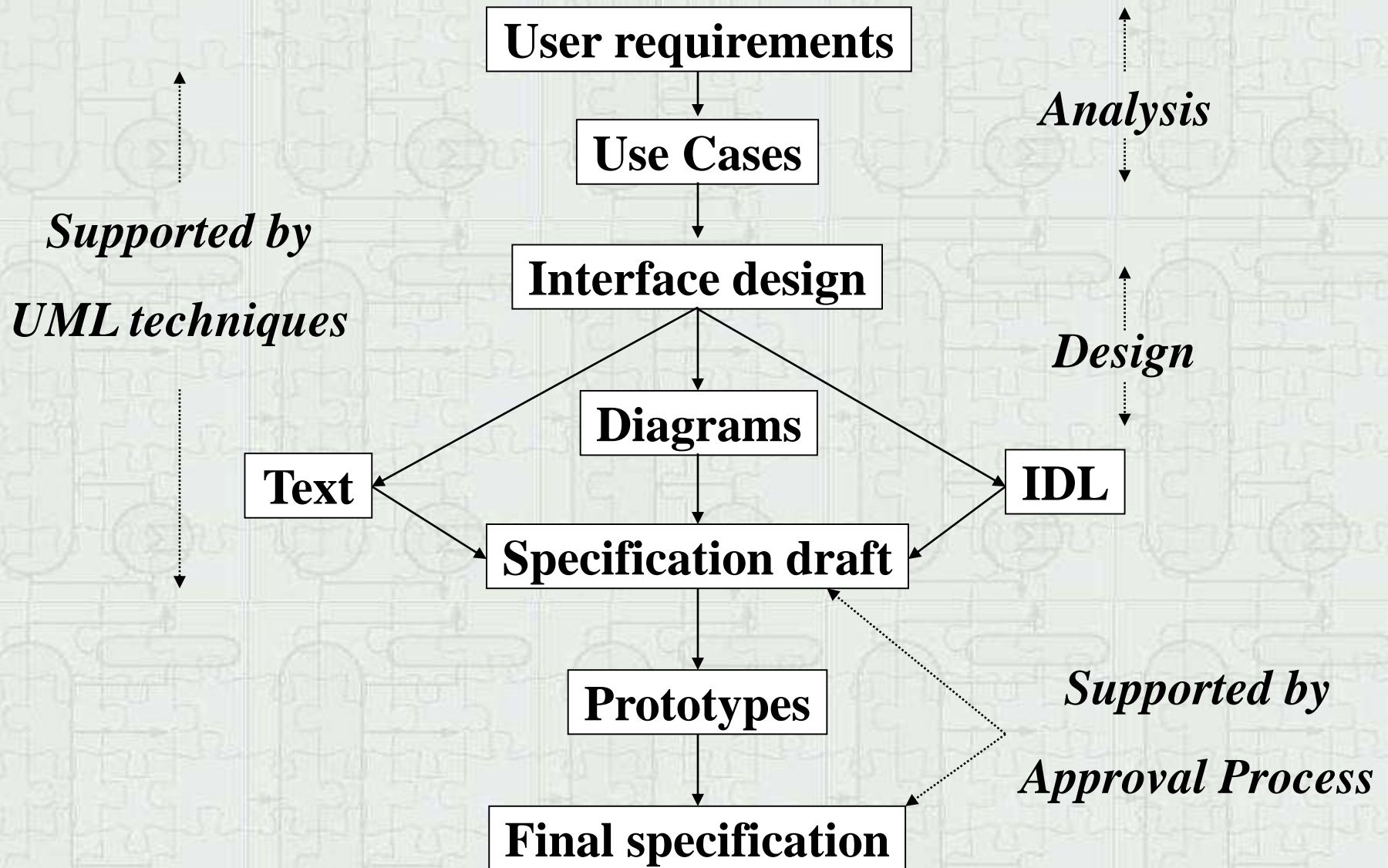
**Business value**

**Board of Directors  
decision**

**Special Interest  
Group creation**



## Specification development process



# Life-cycle of CO Interface Specification

*Input from membership*



**RFC**



**Specification Draft**

*Prototype developers*

**Plugs**


**Sockets**

**Test**

***CO-LaN activities***

- Manage consensus reaching**
- Supervise prototype development**
- Test prototypes**
- Polish specifications**
- Manage RFC processes**

*Input from membership*



**RFC**

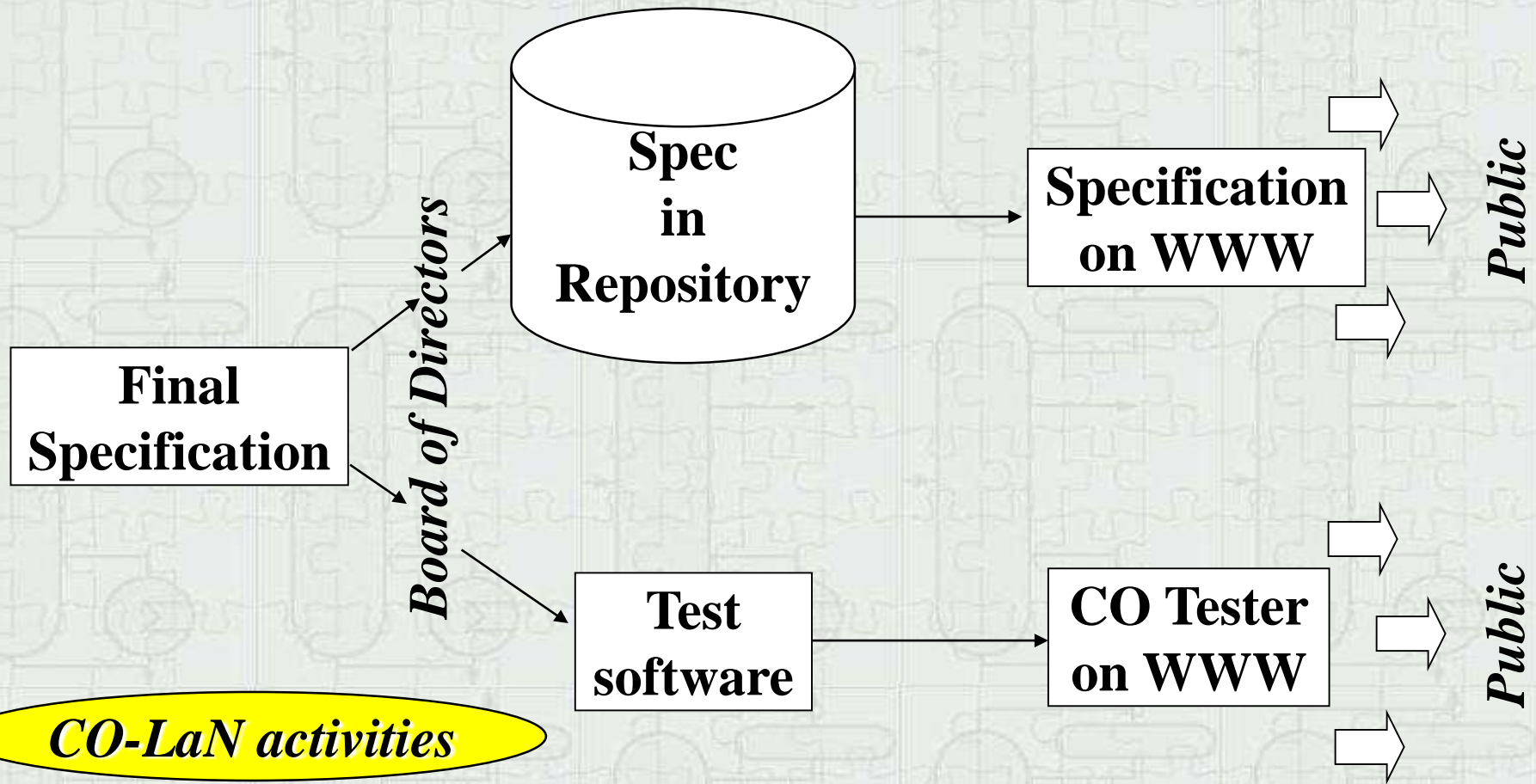
**Final Specification**



# Linkage repository

- **Manages relationships of:**
  - ⇒ **UML model (fragments)**
  - ⇒ **guidelines**
  - ⇒ **documents**
  - ⇒ **case studies**
  - ⇒ **IDL code**
- **Integrates the different resources (documents, UML model fragments etc.) under one surface**

# Delivering CO standards

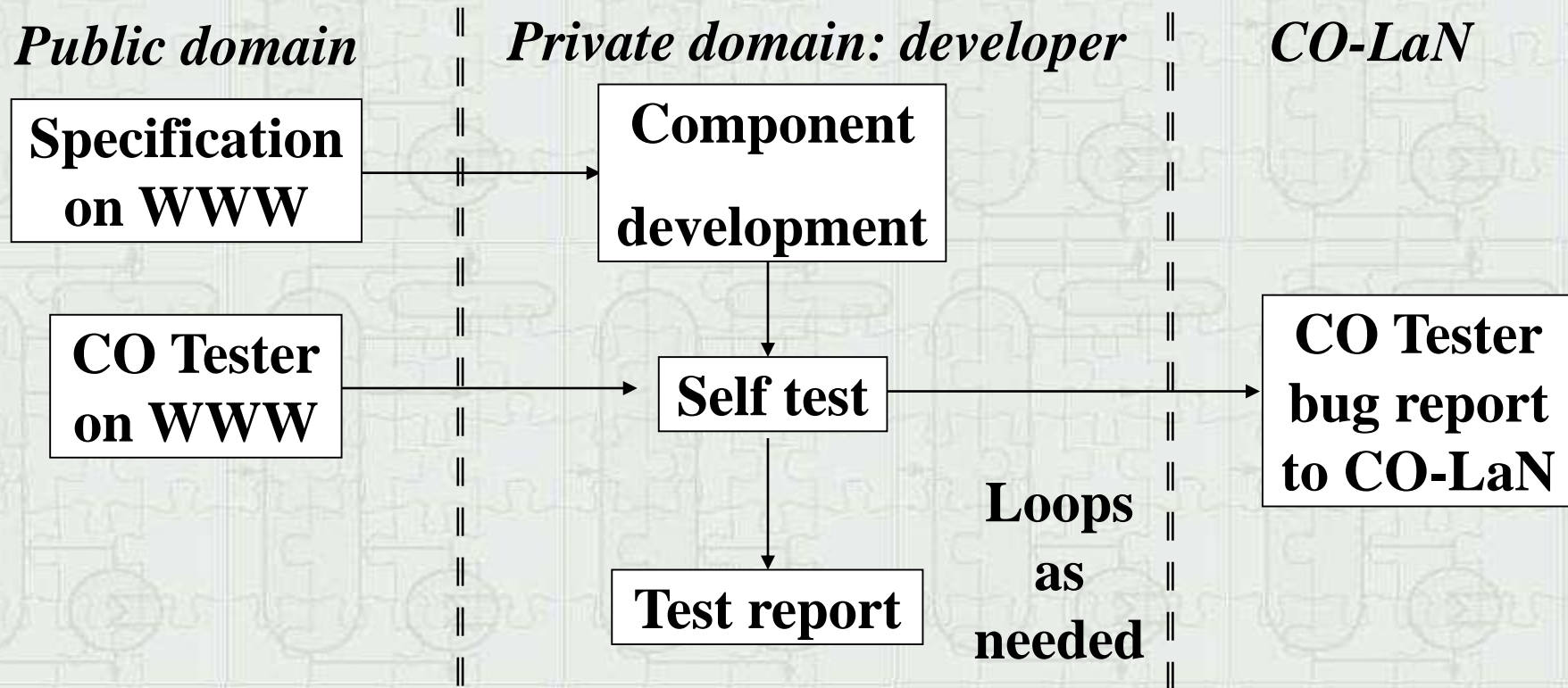


***CO-LaN activities***

**Develop CO Tester**  
**Populate database**  
**Publish on the Web**

# Supporting component development

*Component  
labelling*



## *CO-LaN activities*

Provide download capabilities

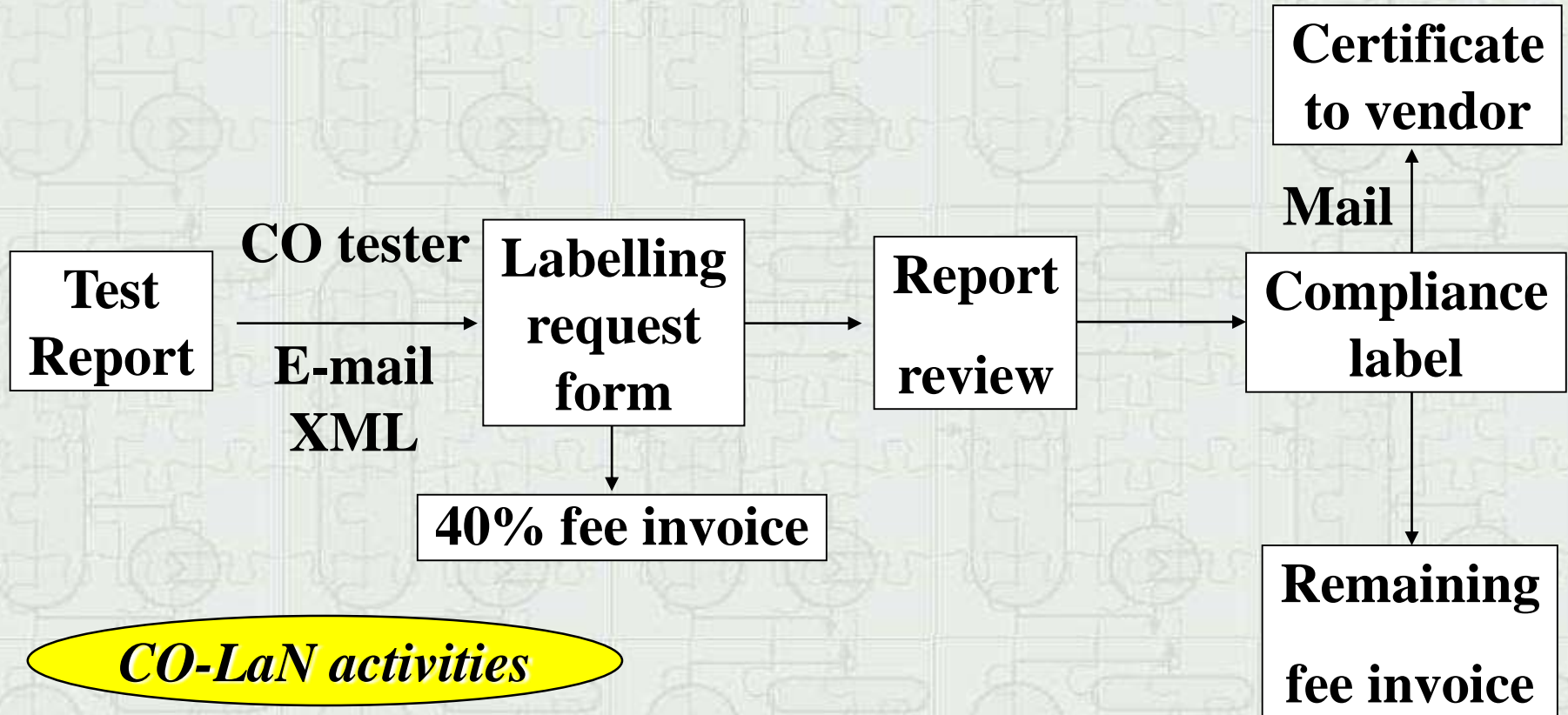
Keep track of downloads

Support and maintain the CO Tester



# Delivering CO compliance labels

*Component  
labelling*

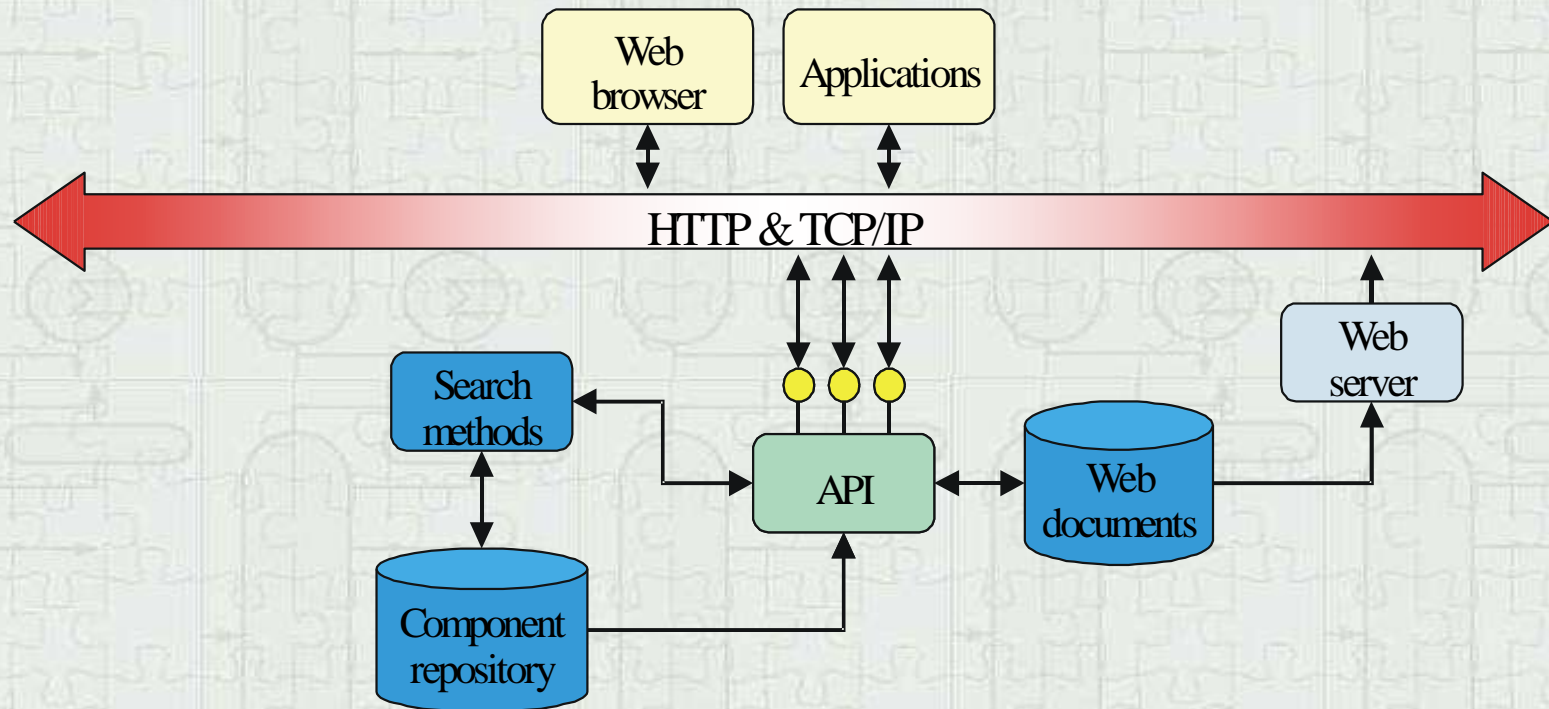


## *CO-LaN activities*

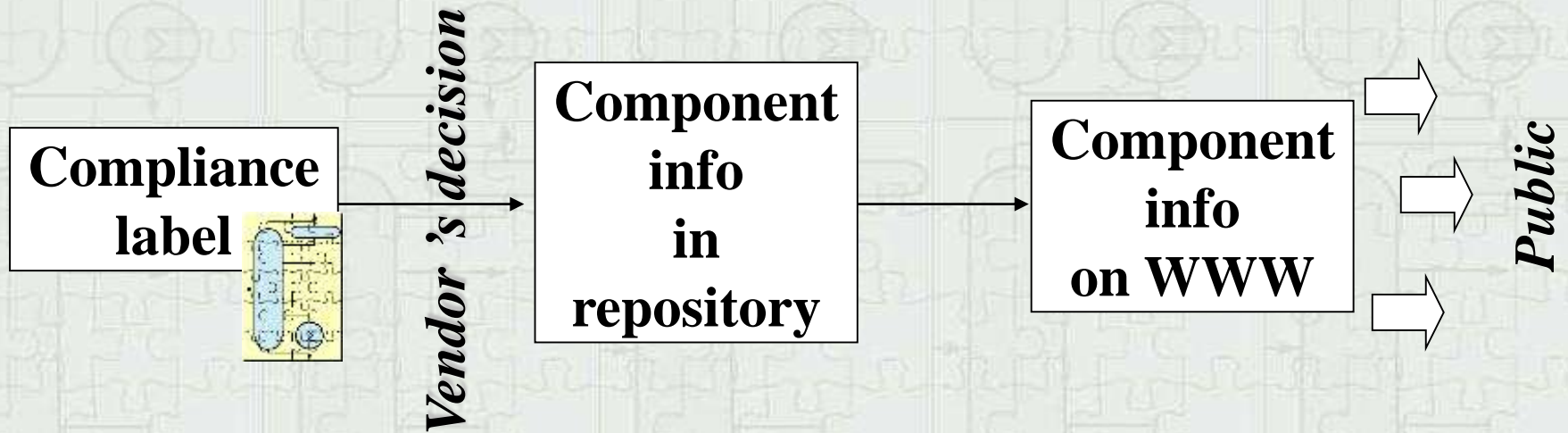
**Review CO Tester reports**  
**Deliver CO label**  
**Accounting**

# Promote Your Commitment to CO-LaN

**Vendors committed to CAPE-OPEN have the opportunity to list their products on a special section of the CO-LaN web site in conjunction with the Component Labelling Program.**



# Supporting CO component market



## *CO-LaN activities*

Populate database

Publish on the web



# Component directory

## ➤ List of available CO compliant components

## ➤ Information on components

### ⇒ Vendor information:

- Name, contact, vendor description (free text)

### ⇒ Technical description of the component (categorization):

- IDL version, middleware technique, implemented interfaces

### ⇒ Metadata about the component:

- Component name, version, description, help (free text)

### ⇒ License information

### ⇒ Availability information

- Where to get the component/download/request, object references

## ➤ Publish, Modify and Search

# Technical services

## ➤ Time schedule

- ⇒ Phase 1: now or almost
- ⇒ Phase 2: second half of 2001

## ➤ Availability

### ⇒ Coming from GCO work

- Sufficiently robust --> phase 1
- Robustness to be improved --> phase 2

### ⇒ To be developed within CO-LaN

- From GCO concepts --> phase 2
- From scratch or almost --> phase 3 (next year)

# Technical services provided (phase 1)

## Dissemination through CO-LaN minimal web site

### ⇒ Description

- missions, members, bylaws, organisation, fees

### ⇒ Interface specifications

- THRM, UNIT, SOLVER, SMST

### ⇒ Current activities

- press releases, newsletter, conferences, slide shows

### ⇒ Links and contacts

- how to reach us, contacts



# Access the CO-LaN Presentation Library

**CO-LaN provides a series of web accessible presentations for member use to educate and promote CAPE-OPEN, and CO-LaN within their organisations. Scripted presentations are provided by CO-LaN and also from member organisations.**

# Technical services provided (phase 1)

## Labelling through the CO-LaN web site

### ⇒ Download of COM CO Tester (GCO deliverable)


- for components with UNIT and THRM interfaces

# Technical services provided (phase 2)

- **Full scale CO-LaN web site**
  - ⇒ **Improved web design**
  - ⇒ **Additional material and functionalities**
- **Component directory**
  - ⇒ **Availability of CO compliant components**
- **Specification & Linkage repositories**
  - ⇒ **Full working version**
- **Discussion forum**
  - ⇒ **Prototype developed within GCO**



# Bulletin Board Service

 GCO migration bulletin board - Netscape

File Edit View Go Communicator Help

GCO migration bulletin board

To the [Global CAPE OPEN](#) homepage

Show postings of

- ▶ [Short introduction to the migration bulletin board](#) ([A. Kuckelberg](#) / 2000-04-17) - Comment/Information
- ▶ [Type Library for THERM and UNIT](#) ([Bertrand Braunschweig](#) / 2000-04-19) - Comment/Information
- ▶ [Developer Tools \(Version, Edition, Service Pack,...\)](#) ([ROUX](#) / 2000-05-11) - Question
  - ▶ [RE: Developer Tools \(Version, Edition, Service Pack,...\)](#) ([JPBelaud](#) / 2000-05-29) - Reply/Answer
- ▶ [CO CORBA Specifications](#) ([JPBelaud](#) / 2000-05-30) - Comment/Information
- ▶ [Discussion on semantic and content of the Solvers document](#) ([JPBelaud](#) / 2000-06-09) - Comment/Information
- ▶ [SI Units exact reference](#) ([Bertrand Braunschweig](#) / 2000-06-26) - Comment/Information
  - ▶ [RE: SI Units exact reference](#) ([Bertrand Braunschweig](#) / 2000-06-26) - Comment/Information

Total postings shown: 8

**New posting**

**Classification of posting**

Primary:

Secondary:

**Kind of posting**

**Name**

**E-Mail**

Document: Done

# Conclusion

## A commitment

- ⇒ to deliver full support to member activities
- ⇒ to build upon advanced and proven technologies
- ⇒ to minimise internal development activities

**Comments are welcome !**