openlab Web Site

Facelift
and
Procedures for enriching it

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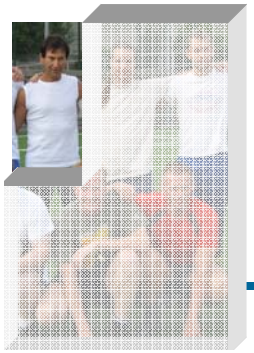
Team Work

New version coming in 2007

Objectives

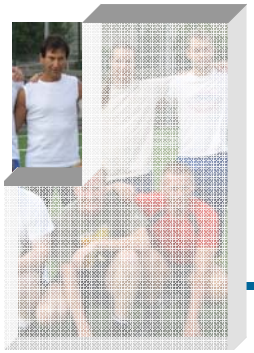
- Facilitate Enrichment of **Technical Content**
  - Create missing description of “Projects” or “Activities”
  - Update/enrich existing descriptions more systematically
- Maintain / update more systematically **Administrative Data**
  - News (to be re-organized)
  - Technical Publications (Articles, …)
  - Press coverage
  - Lists of people
  - Events



New version coming in 2007

Technical Changes

- Several technical novelties (see Ryszard)
- No longer two sites (“public” / “production”)
  - All moved under cern.ch/openlab
- New philosophy to be used by Web Content Authors

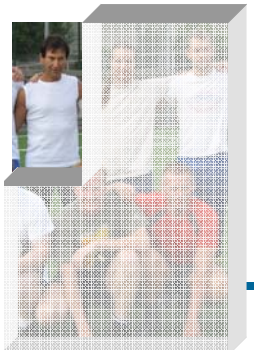


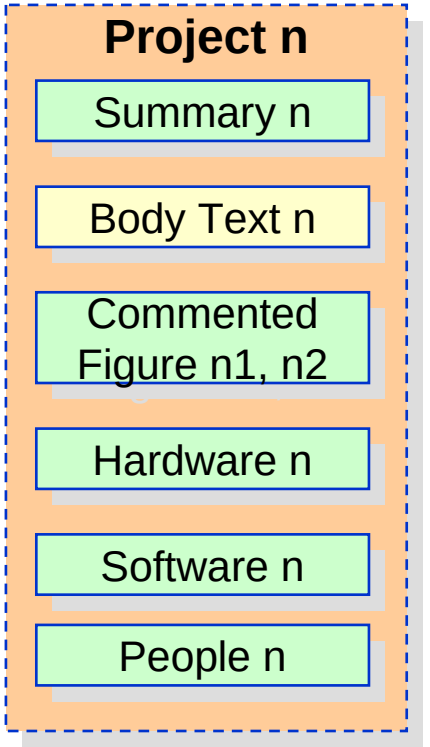
New Philosophy: Modularity

For Technical Team to prepare Content: Modularity

- Design content as formed of **individual small pieces** (items) which can be combined
- E.g.: A text about a project containing
  - A summary of the project
  - Body Text
  - A few figures with associated comments
  - The Hardware description
  - The Software environment
  - The list of people working on it
  - ...

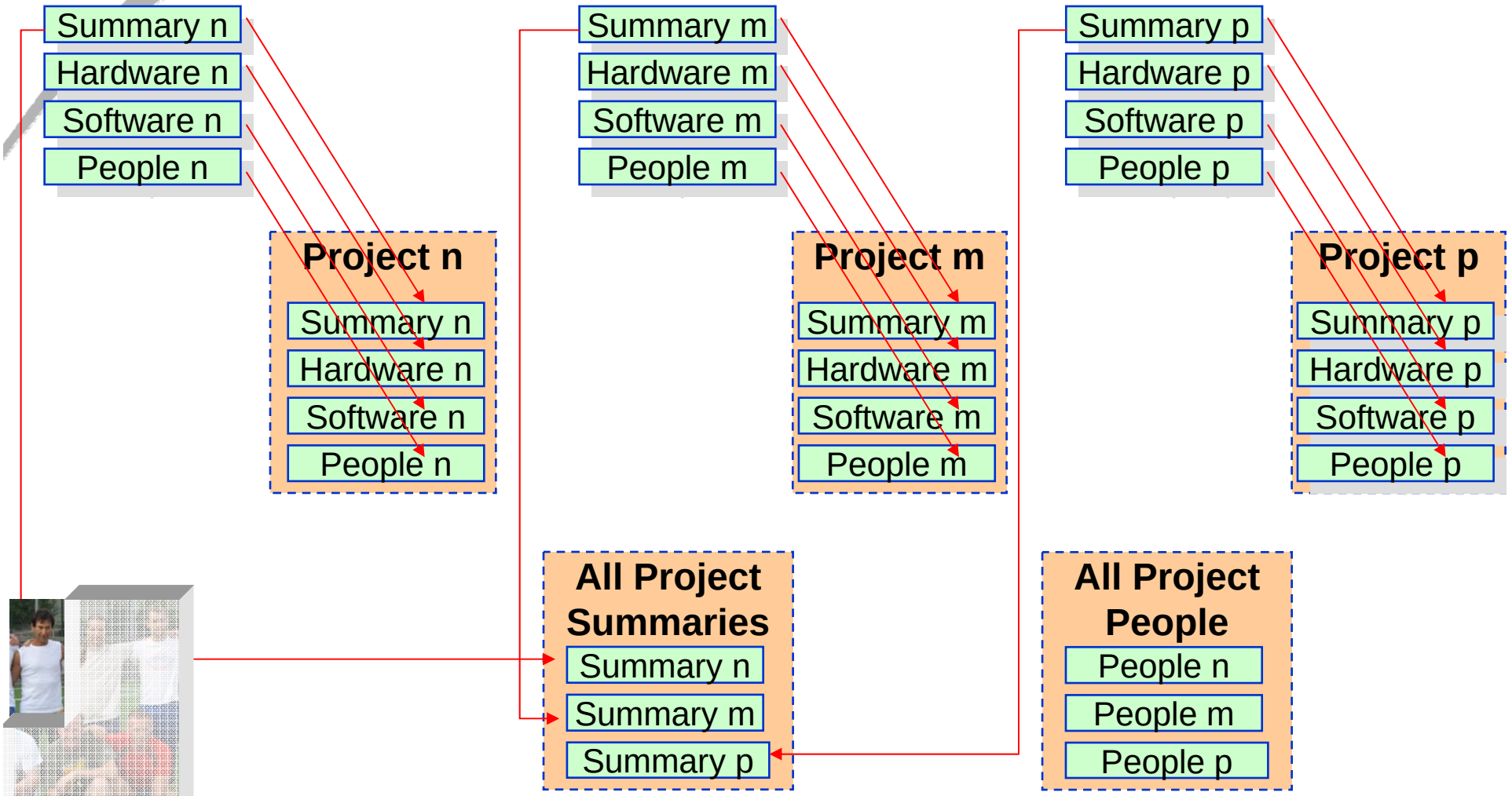
May be formed of multiple individual items





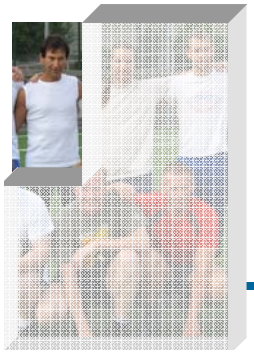
Advantage of Modularity

Easy creation of content by aggregations of items



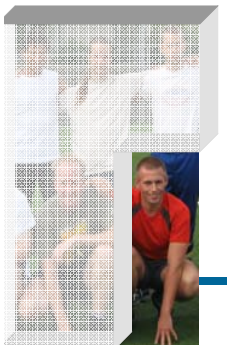
Technical Novelties

- Friendly printing
- Drop-down menus



Technical Novelties

- Printer-Friendly Web Pages
  - without navigation
  - without non-essential images
  - right font and size
  - undelining links
  - right backgroud color
  - including orginal URL
  - including copyright notification
  - margin adjustment
- Drop-down menu



Print-Friendly Web Pages

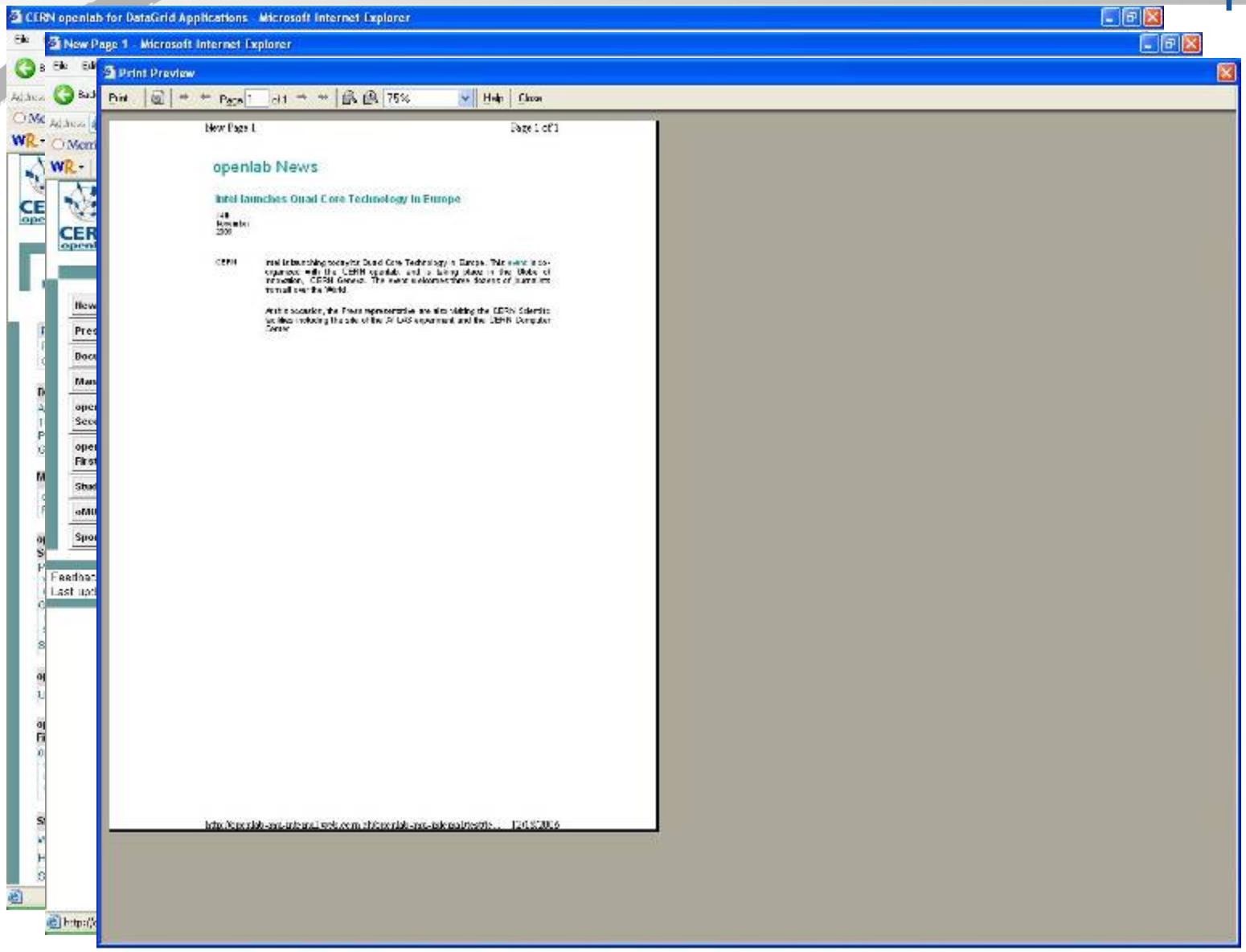
- copy of every page with manually removed all non-printer-friendly stuff
  - duplication
  - <!--webbot bot ... >
- use script to remove n-p-f stuff on the fly
  - can be set up for every page
  - requires programming
- special style sheet for print
  - <link rel="stylesheet" type="text/css" href="print.css" media="print" />
  - the attribute media – screen, print, aural, tv,...

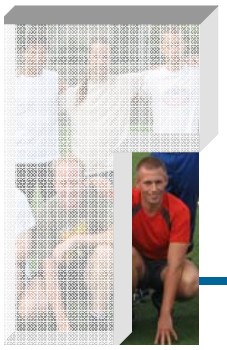
Drop-down menu

- dynamic :hover pseudo-class on all elements
  - IE supports only <a>
  - HTML Components (HTCs)
    - mechanism to implement components as DHTML behaviours
  - built by unordered lists <ul> and list items

```
<ul>
  <li>CSS Menu
    <ul>
      <li><a href="#">Sub Menu #1</a></li>
      <li><a href="#">Sub Menu #2</a></li>
    </ul>
  </li>
</ul>
```

Print-friendly and drop-down menu example





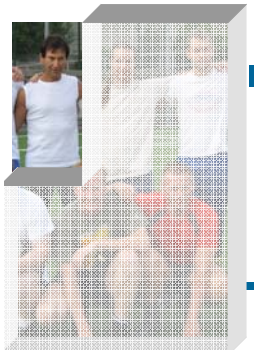
Process for Site Creation / Enrichment

Objectives

- Facilitate Enrichment of **Technical Content**
  - Create missing description of “Projects”/“Activities”
  - Update/enrich existing descriptions more systematically

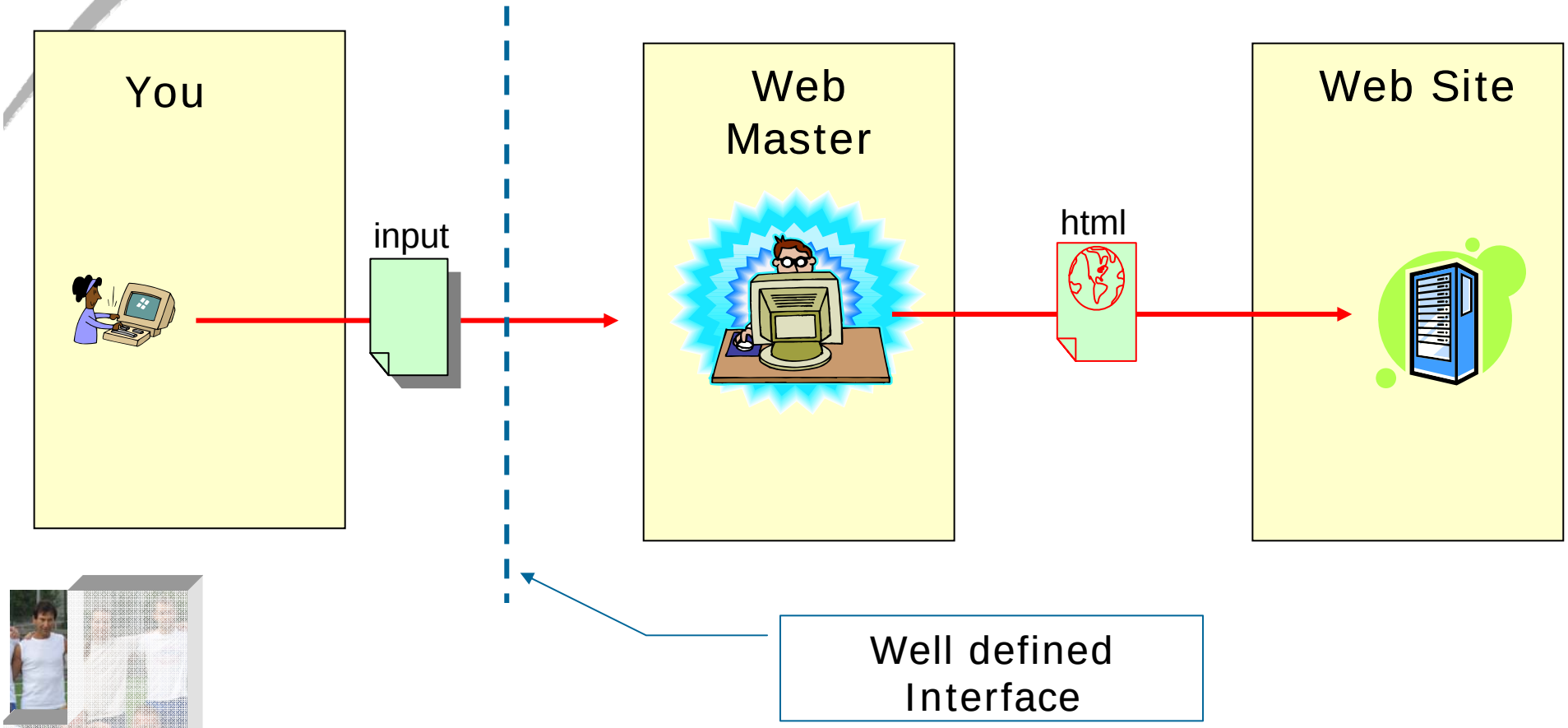
Process: Initial and Long term

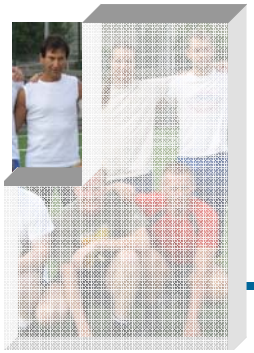
- Initial Process (January 2007)
  - Formalization of current process



- Longer term (no date, needs further discussion)
  - More elegant if achievable
  - Requires new tools

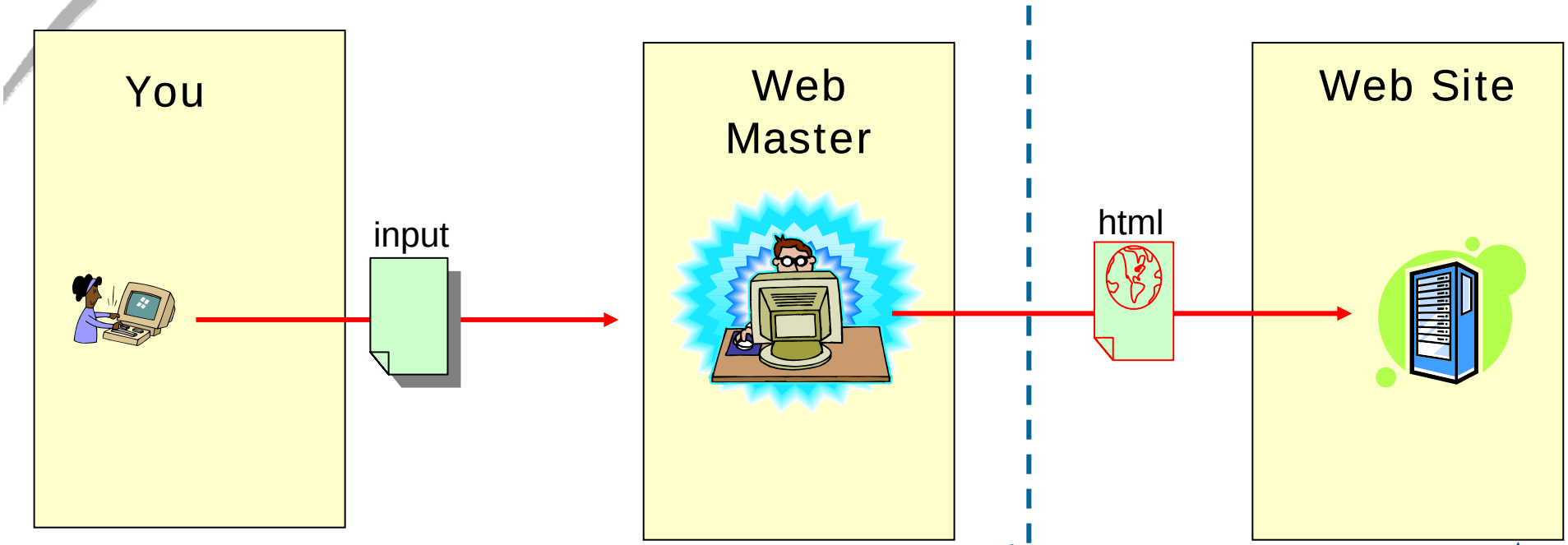
Web Master Creates Web Pages

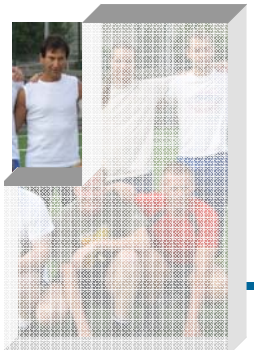




Process - Initial

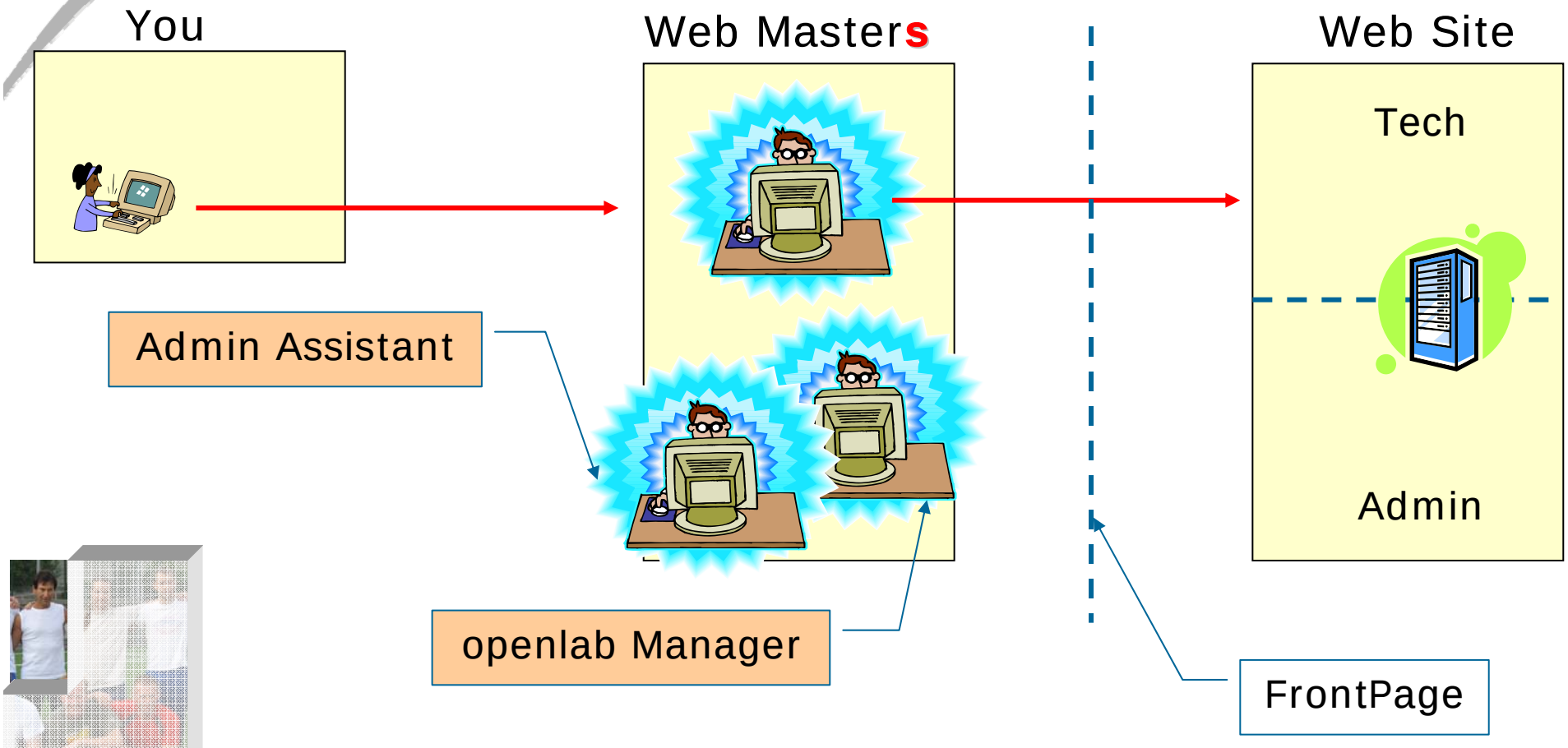
Web Master Creates Web Pages

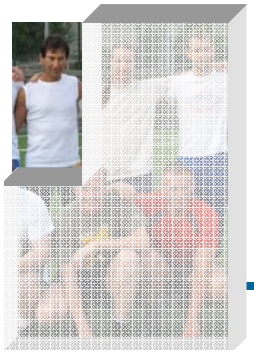




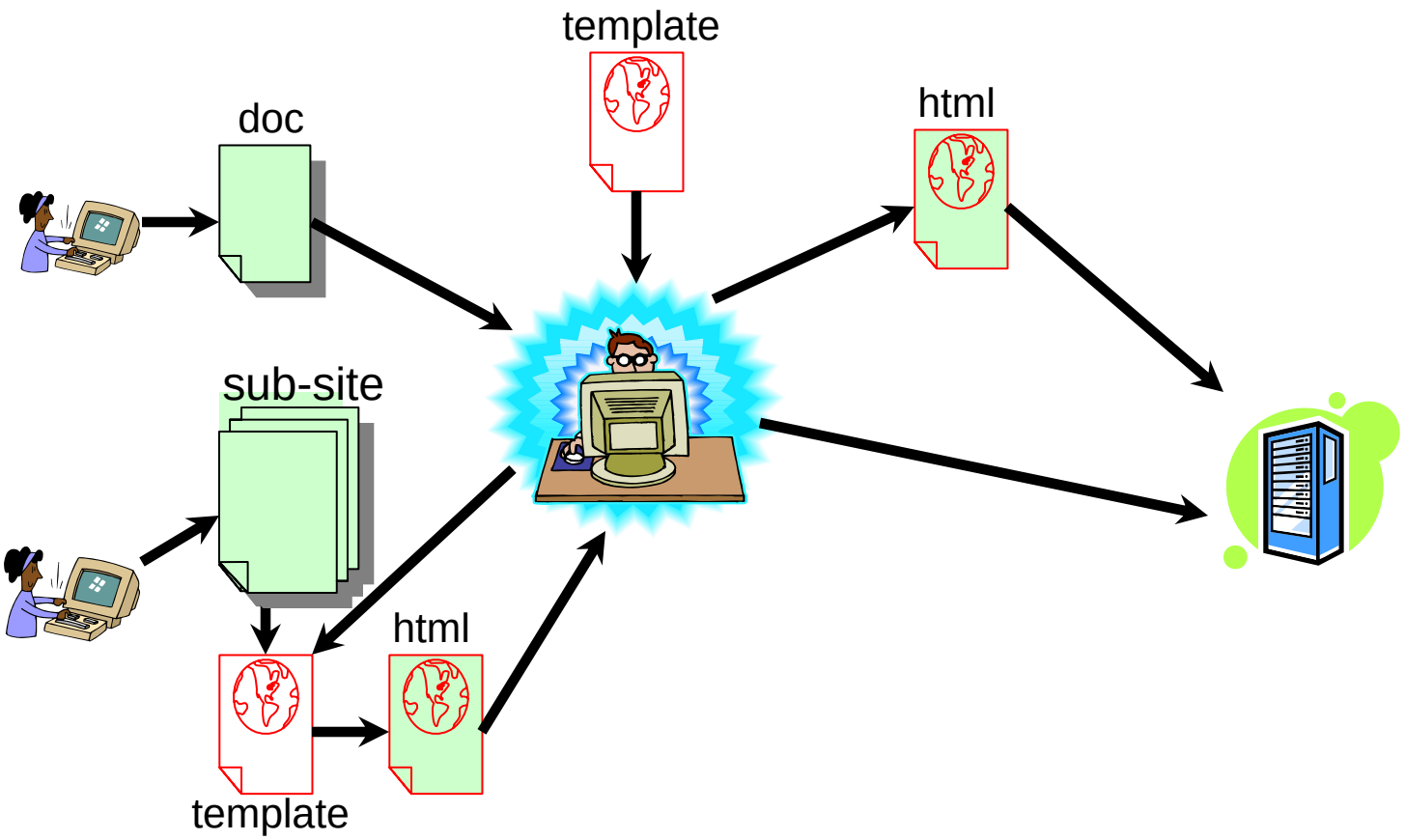
Process - Initial

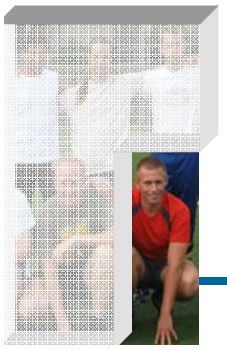
Web Masters Creates Web Pages





The content of pages – data flow

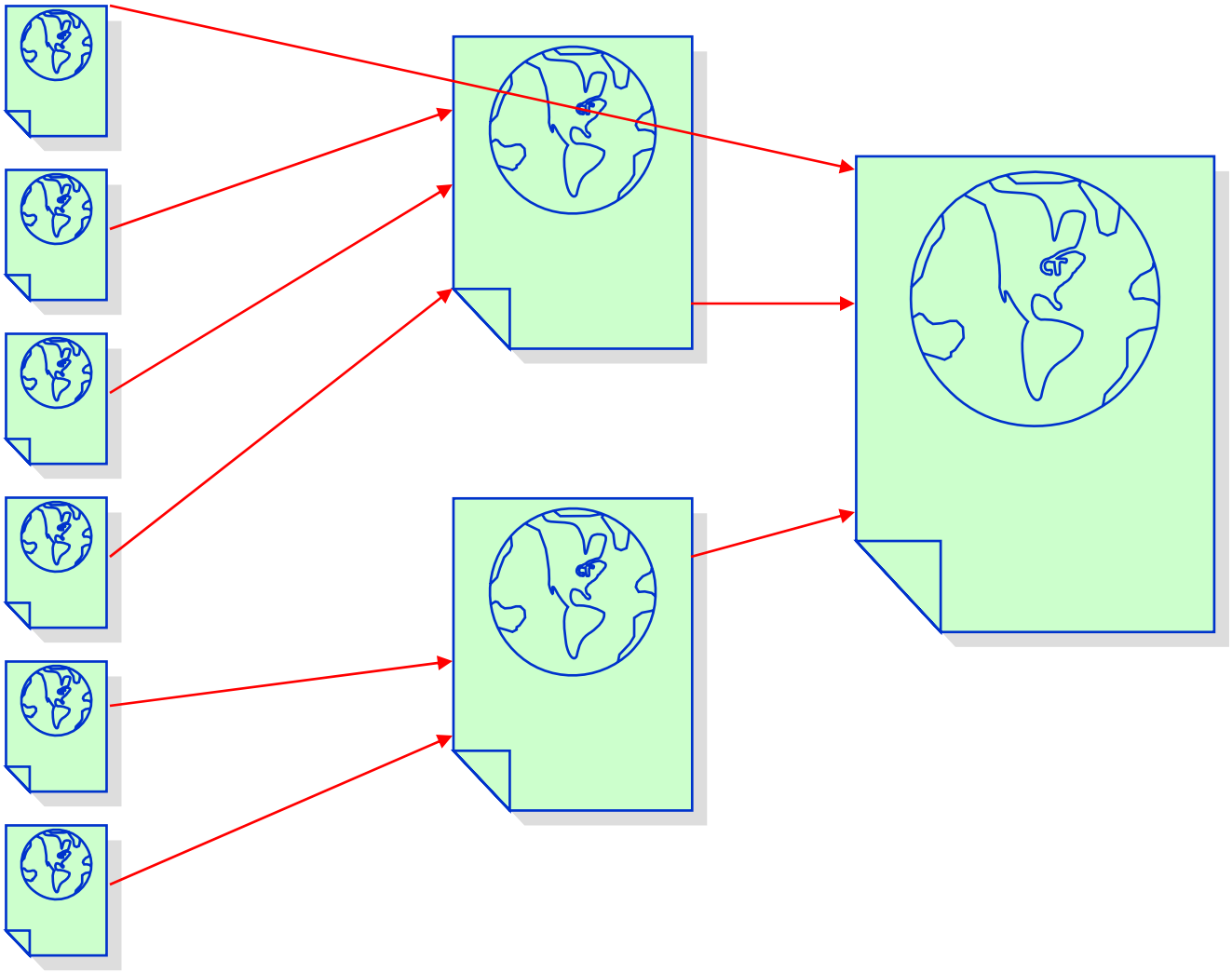




Web master duties

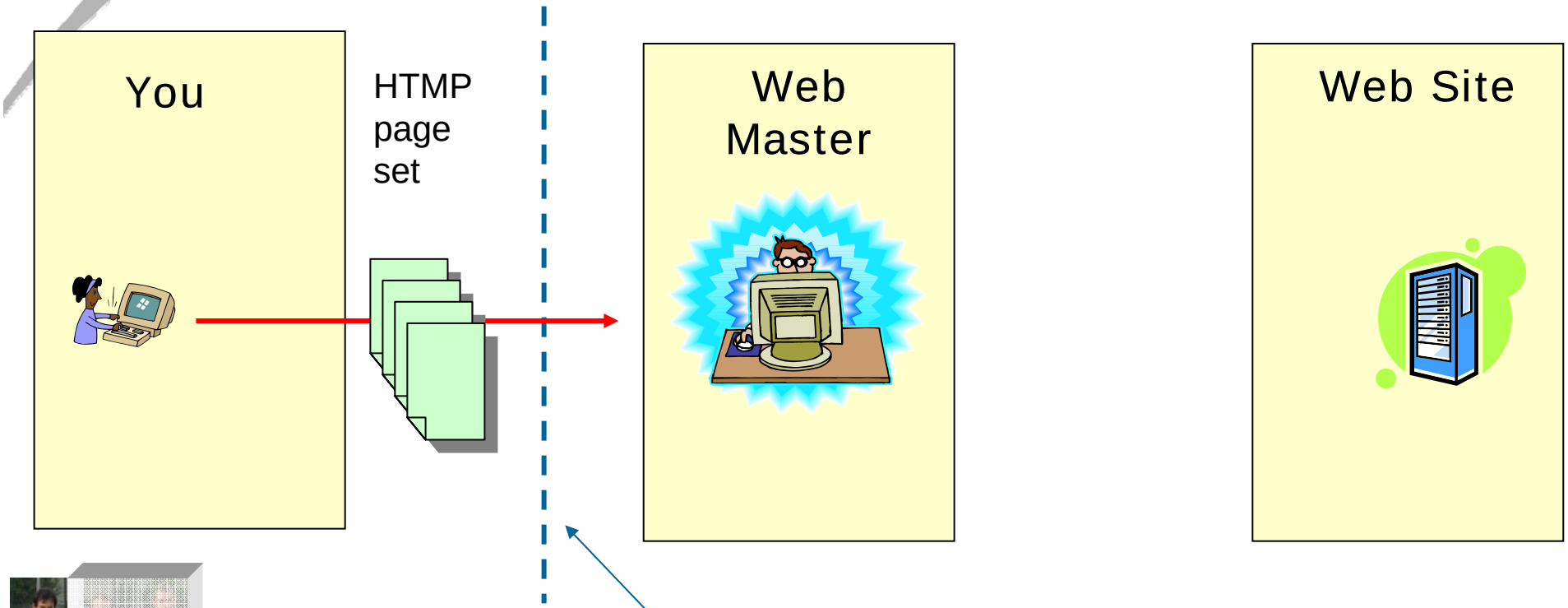
- format control
  - syntax, styles
- creation/maintenance of the folder structure
- follow page naming conventions
- creation of the links
  - within pages (external)
  - between pages, main site and “sub-sites” (internal)
- creation/maintenance of the navigation
  - top navigation/sub-site navigation
  - menu/submenus

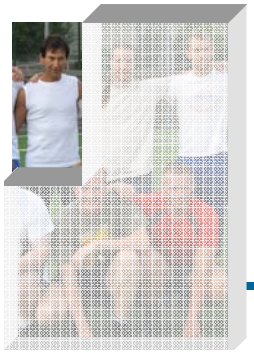
On Modularity



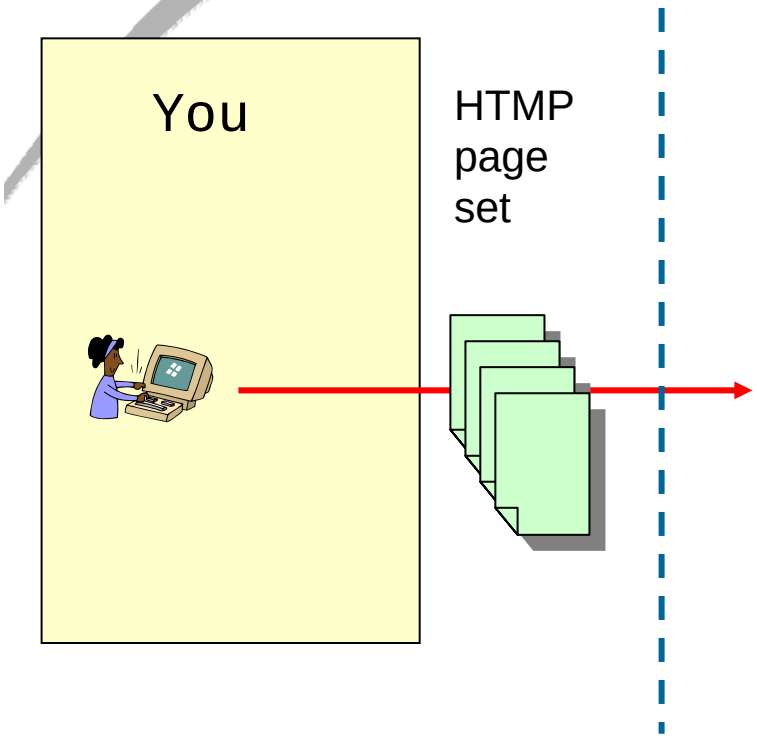
Process – Longer term?

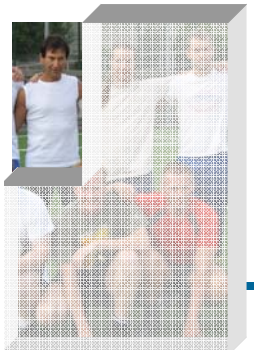
Web Master receives Complete html Page Sets





Process – Longer term: **Issues**





- How authors
  - develop
  - update

  their “page sets” (“sub-sites”)
- Probably requires a **Web Editor** for local creation update
  - (e.g. to maintain links in the sub-site)
- Requires authors to follows conventions for folder structure and folder naming, …
- How to manage versions?
- Requires a “**Collaborative Web Editing Tool**”
  - In the same may we have CVS as “Collaborative Software Development Tool”

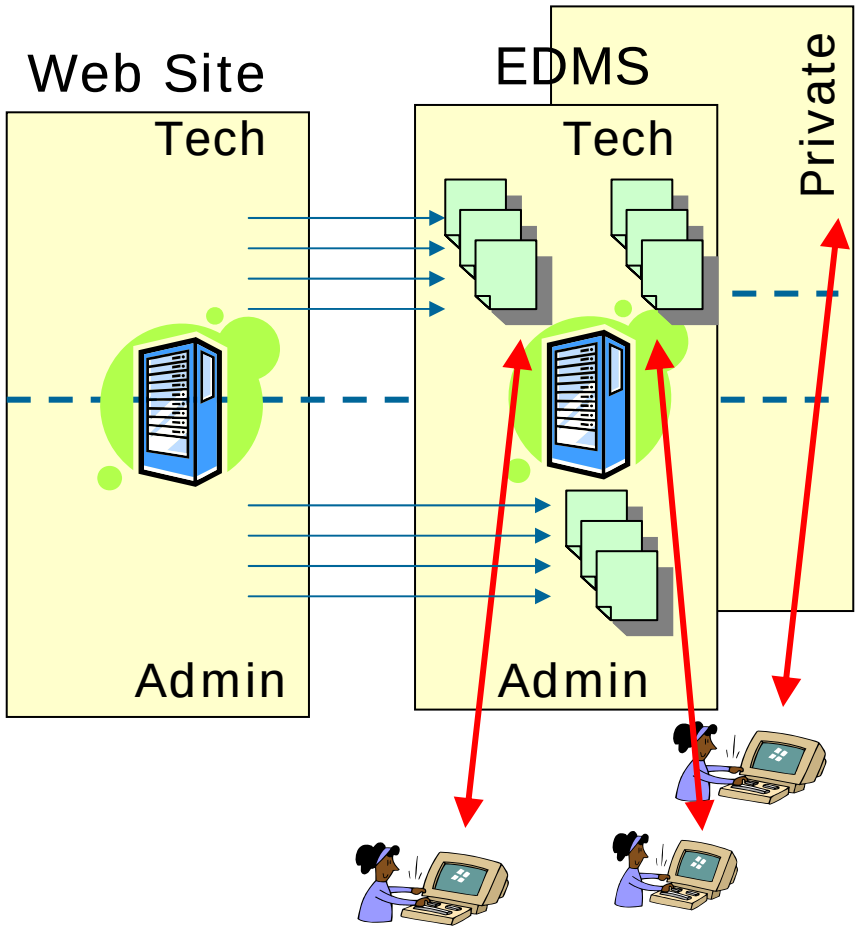
openlab 2 Technical Pages updates

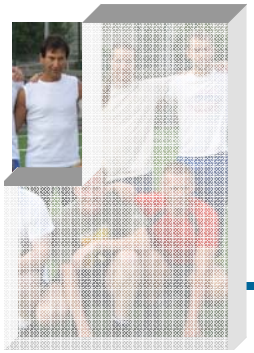
- optimization project in Platform Competence Center
  - Benchmarking
  - Performance Monitoring
  - Thermal Testing
  - IO Testing
  - Compiler Project
- openlab servers – new usage page
  - public and internal web page
- openlab presentations
  - more documents are available
  - split into different years
- 64-bit porting web page is coming soon (openlab I)

To be furthered in future discussions

EDMS and Web site

- **EDMS** to be used to **store public** and **private** documentation
  - Technical
  - Administrative
- **Web-site** to act as a **portal**
  - Pointing to public part of the EDMS structure
  - Not for storing documents



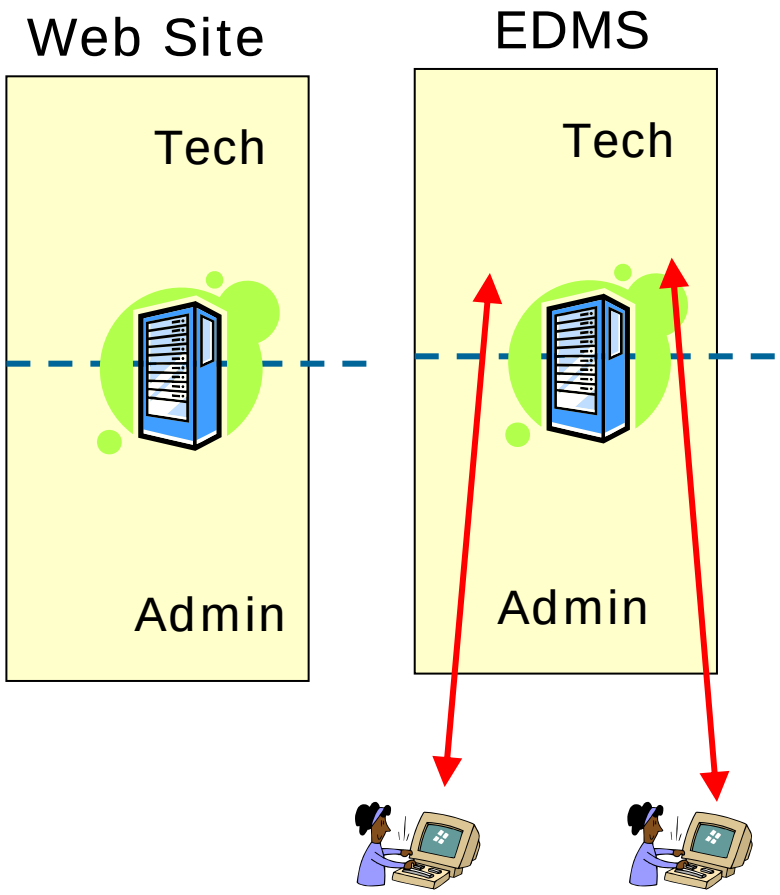


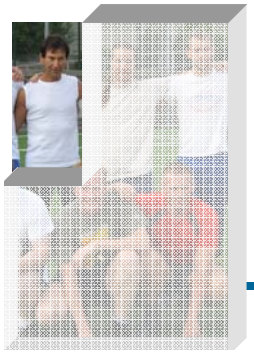
- You all have access rights
  (Severine maintains the access rights)

To be furthered in future discussions

Collecting updates more systematically

- Articles
- Publications
- Dissemination Material
  - e.g. posters, …

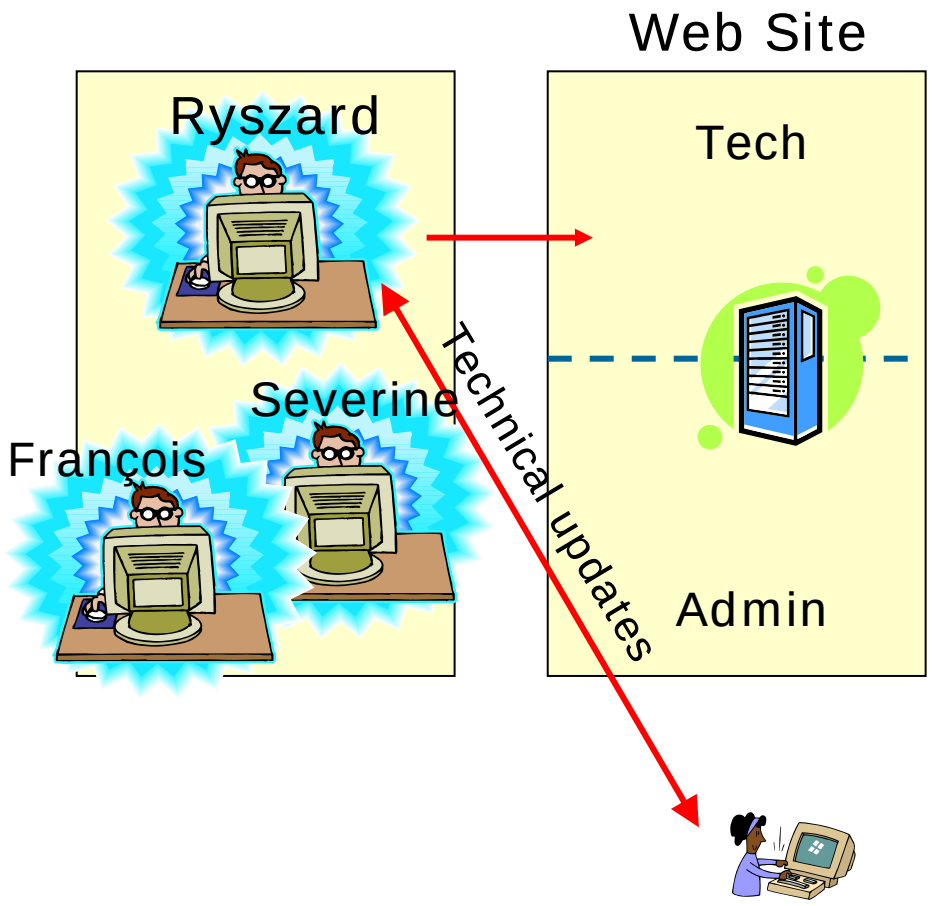




To be furthered in future discussions

"News" relabeled / categorized

- **Technical** updates
  - Outcome / Key points from these Monthly meetings
- **Management** updates e.g.
  - New partner joining
  - Guiding Principles update
- **Administrative** updates
  - Mainly for internal use
  - E.g. welcome to new members
- **Breaking News**
  - A selection of prominent updates



Time to move to Team Building