Documents and the Net

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PARC/ISTL
November 2, 1995
Outline of talk

- What is document management
- Assumptions about the net
- Document management on the net

Four kinds of applications
What is Document Management

Many components:

- Authoring & acquisition
- Information access, text retrieval
- Library services
- Workflow

Growing market for products and services for workgroups and enterprises
Assumptions about the Net

- One network
- Global authentication
- Secure communication
- Copyright management
- Reliable payment
Four Reasons to Manage Documents

- Document as Memory
- Document as Process
- Document for Product
- Document as Product
Document as Memory: Knowledge workers

- Law office:
  - track correspondence, previous work

- Product organization:
  - manage database of customer complaints

- Marketing department:
  - competitive profiles
Document as Memory: Opportunities

- Customer feedback, discussion
  - support forums allow customers to post questions and have answers appear publicly.

- Distributed workgroups
  - virtual corporations
  - trade associations

- Telecommuting

Organizational boundaries blur... Distributed workgroups
Online Service Support Forum
Fill In Key Values:

Submission Information

Paper id #: 313

Title of the Technical Paper / State of the Art Report:
Reality long back from cyberspace


Link to submissions directory index

Grading Information

Nostalgia and Originality

1  Does the paper add new work to the field?

Relevance

2  Does it work toward the goals of the conference?

Quality of work

1  The quality and importance of the products, ideas, prototypes, theories, etc described.

Quality of writing

2  How well are the ideas communicated? How complete are the references?
Distributed review committee

The NII Awards
Champions of Cyberspace

Distributed Notes system let judges collaborate on reviews.
Document as Process: Managing work

- Insurance company
  - claims processing
- Financial services
  - loan approvals
- Government offices
  - permits, claims, approvals
- Commercial organizations
  - order entry, delivery, and collection.
Opportunities: Move process outside organization

- Order entry: Buying a pizza.
- Order entry: Reserve a hotel room
- Order tracking: FedEx

In general, this works when the company can merge the Internet interface with the company’s own processes.
Pizza Hut Menu

This form will send an order to the Pizza Hut located at 123 Main Street, which can be reached at 123-555-4567.

You may choose one of our specialty pizzas, or you may create your own below.

**New Stuffed Crust Pizza** (Large $9.99)

**Specialty Pizzas** (Medium $11.50 Large $14.50)

<table>
<thead>
<tr>
<th>Qty</th>
<th>Toppings</th>
<th>Style</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Veggie Lover's</td>
<td>Hand Tossed</td>
<td>Large</td>
</tr>
<tr>
<td>0</td>
<td>Supreme</td>
<td>Stuffed</td>
<td>Large</td>
</tr>
</tbody>
</table>

**Super Supreme** (Medium $12.50 Large $15.50)

<table>
<thead>
<tr>
<th>Qty</th>
<th>Toppings</th>
<th>Style</th>
<th>Size</th>
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<tr>
<td></td>
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</tbody>
</table>
FedEx

Track a Package

Macintosh® Software Now Available!

Package Tracking Number

Select Destination Country

USA
ALGERIA
AMERICAN SAMOA
ANGOLA
ANGUILLA
ANTIGUA

You can track the status of your package anytime of day, anywhere in the world. You'll be able to follow your package's journey even while it is still in transit. Type in your FedEx package tracking number in the field above and the delivery and/or the scan information for the package will be displayed.

When tracking international packages please select the destination country by highlighting the country name on the scrollable table shown below. Select "Send Request".

Special information about:
Email Tracking
Document for Product: Manufacturing and Service

- Aerospace
  - Every plane is different: repair, specifications

- Pharmaceuticals
  - New Drug Applications

- Financial services firm
  - fact sheets about investments

- Software
  - documentation
Documents for Product: Opportunities

- Product data sheets
  - semiconductors, plastics or clothing.
- Product manuals
  - Novell
- Construction
  - VRML rendering

Direct access by customers, communication with suppliers
Description

The Plug-n-Play Real Time Clocks (PnP RTCs) are designed as successors to the industry standard DS12885/DS1282 and DS12885/DS1282 Real Time Clocks. These devices provide the industry standard DS1285 clock function with either +3.0 or +5.0 volt operation. The PnP RTC incorporates a number of enhanced features including a silicon serial number, power on/off control circuitry, 114 bytes of user NVRAM plus additional NVRAM, and a 3.2768 kHz output for sustaining power management activities.

The power control circuitry allows the system to be powered on via an external stimulus, such as a keyboard or by a time and date (wake-up) alarm. The PWR output pin can be triggered by one or either of these events, and can be used to turn on an external power supply. The PWR pin is under software control, so that when a task is complete, the system power can then be shut down.

An external crystal and battery are the only components required to maintain time-of-day and memory status in the absence of power. The 24-pin encapsulated module incorporates a 24-pin DIP chip, a 32.768 kHz crystal, and a lithium battery in a complete, self-contained timekeeping module. The entire unit is fully tested at Dallas Semiconductor such that a minimum of 10 years of timekeeping and data retention in the absence of VCC is guaranteed.

For a complete description of operating conditions, electrical and mechanical characteristics, and bus timing please refer to the individual data sheets.

Operation

The block diagram in Figure 1 shows the pin connections with the major internal functions. The following paragraphs describe the function of each pin.

Pin Assignment
## Product Data Sheet

**CYCOLAC GHT4320**

**Automotive. High heat family. Highest heat/medium impact resistant.**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Modulus, Type I, 0.125&quot;</td>
<td>350000.0000 psi ASTM D 630</td>
</tr>
<tr>
<td>Elongational Strength, yield, 0.125&quot;</td>
<td>13700.0000 psi ASTM D 790</td>
</tr>
<tr>
<td>Hardness, Rockwell B</td>
<td>115.0000 - ASTM D 785</td>
</tr>
<tr>
<td>Izod Impact, notched, 73F</td>
<td>2.5000 ft-lb/in ASTM D 256</td>
</tr>
<tr>
<td>Izod Impact, notched, -20F</td>
<td>1.1000 ft-lb/in ASTM D 256</td>
</tr>
<tr>
<td>Instrumented Impact Energy @ peak, 73F</td>
<td>120.0000 in-lbs ASTM D 3763</td>
</tr>
<tr>
<td>I1DT, 66 psi, 0.125&quot;, unannealed</td>
<td>212.0000 deg F ASTM D 640</td>
</tr>
<tr>
<td>I1DT, 264 psi, 0.125&quot;, unannealed</td>
<td>197.0000 deg F ASTM D 640</td>
</tr>
<tr>
<td>I1DT, 264 psi, 0.250&quot;, unannealed</td>
<td>211.0000 deg F ASTM D 648</td>
</tr>
<tr>
<td>I1DT, 264 psi, 0.500&quot;, unannealed</td>
<td>220.0000 deg F ASTM D 648</td>
</tr>
<tr>
<td>Specific Gravity, solid</td>
<td>1.0500 - ASTM D 792</td>
</tr>
<tr>
<td>Mold Shrinkage, flow (selective)</td>
<td>6.5000 in/in E - ASTM D 955</td>
</tr>
<tr>
<td>Mold Shrinkage, flow, 0.125&quot;</td>
<td>5-8 in/in E - ASTM D 955</td>
</tr>
<tr>
<td>Melt Viscosity, 260C, 1000 sec-1</td>
<td>2000.0000 poise -</td>
</tr>
</tbody>
</table>

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*These property values are not intended for specification purposes. All data subject to standard disclaimer.*
NetWare 4.1 (English)

---Master Index---
* NetWare AppleTalk Reference
* Btrieve Installation and Operation
* Basic Protocol Configuration Guide
* Advanced Protocol Configuration and Management Guide
* Concepts
* Installing and Using Novell Online Documentation
* Introduction to NetWare Directory Services
* NetWare IPX Router Reference
Document as Product: Publishers and Education

- Entertainment
- Textbooks
- Document assembly
- Just-in-time production
- Course packs

*Publishers have a special privilege in electronic commerce*
Opportunities

- Promotion
  - information about movies, sample chapters

- Order entry
  - bookstore on the net

- Distribution
  - document over the net to point of need

- Delivery
  - Consumer purchase and take delivery online
10 Minute Guide to HTML

Imprint: Que
Author: Tim Evans
Publication Date: Jul-95
Retail Price: $14.99 US

Each day, 50 to 100 new servers are added to the World Wide Web. New servers means new users -- and a great demand for a simple tutorial to get them up and running quickly. Que answers that demand with this quick guide covering all the essentials, from how to get started to adding sound and video to your documents.

- Readers learn how to create their own Web pages
- Provides real HTML examples
- Readers learn from mini-tutorials that can be completed in 10 minutes or less
NCSA Mosaic - Suggested Books: Science Fiction

File Edit Options Navigate Starting Points Help

suggested books

Science Fiction

We can let you know when books our editors think are outstanding are released in the Science Fiction category. See our Editors' Notification Service. We give an additional discount on books bought via this service.

Operation Elbow Room

by Joseph J. Phillips

Paperback
List: $11.95 -- Amazon.com Price: $9.56 -- You Save: $2.39 (20%)
Availability: This item usually shipped within 2-3 days
Corporate and Professional Publishing Group
Case Method
Tasks and Deliverables

by Richard Barker
Addison-Wesley Professional Computing Series

This document contains a Book Description, Quotes of Note, and the Table of Contents.
You can also access: Preface, Cover (74K), Ordering Information, or C&P Welcome Page.

About Case Method:
Tasks and Deliverables

Analysts, project leaders and system developers can now build integrated business systems by using this complete guide to ORACLE's CASE Method. This highly practical book identifies the key tasks and defines the major deliverables required at every stage of the development life cycle. Highlights of the book include:
Welcome to Paramount Pictures Online Studio!

With an eighty-three year legacy of Hollywood success, Paramount Pictures continues to be one of the most active motion picture and television studios in the world. Legendary directors from Alfred Hitchcock to Francis Ford Coppola, famed actors from Gary Cooper to Harrison Ford, and renowned beauties from Grace Kelly to Alicia Silverstone have walked through Paramount’s famous Bronson Gate to create some of the most popular films of all time.

From "I Love Lucy" to "Frasier", from "Mission: Impossible" to "Star Trek: Voyager" - Paramount continues its legacy of top prime-time television entertainment.
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Welcome to the SoftCopy Publishing Home Page. The information contained on this page will give you all the detail you need to produce your own professional quality course books at a fraction of the traditional costs. If you need any help please don't hesitate to contact sales@softcopy.com.

At present SoftCopy Publishing produce five manuscripts for Microsoft Windows and the Windows versions of four of Microsoft's applications:

- Learning Microsoft Windows 3.11. 4 chapters, 96 pages.
- Learning Microsoft Word 6.0. 5 chapters, 136 pages.
- Learning Microsoft Excel 5.0. 5 chapters, 148 pages.
- Learning Microsoft Access 2.0. 5 chapters, 144 pages.
- Learning Microsoft Visual Basic 3.0. 5 chapters, 132 pages.

All of the manuscripts are aimed at a beginning (stage 1 University) audience. Each manuscript provides:

- Step-by-step instructions
- Practice exercises
- Frequent screen displays
- Alternative approaches to the most commonly used features
- Full glossary
- End of lesson projects.
Conclusions

- Taking “Document Management” beyond the enterprise
- Some opportunities need not wait for technical advances
- Net is changing every kind of 'document' business.