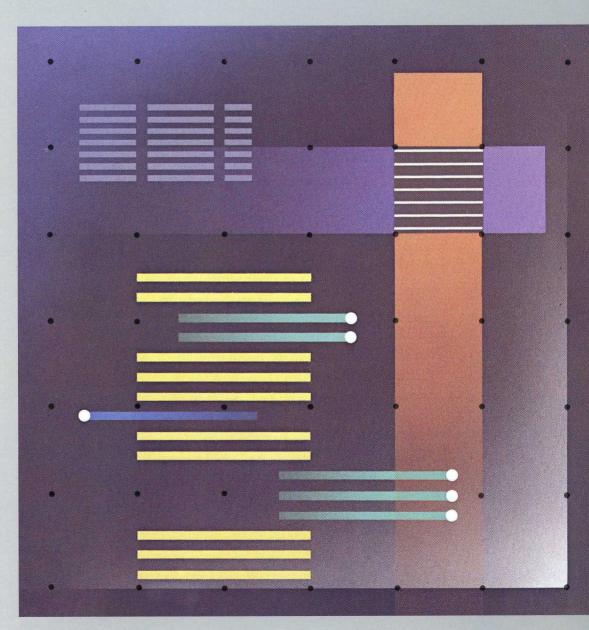
LisaList





LisaList helps you create and maintain all types of lists in a personal database. With it you can easily and quickly sort through even the most detailed lists—client histories, billing records, distribution lists—for exactly the data you need.

Manipulating this data is easy too, because there's no special command language to learn. And LisaList shows you exactly how your list will print.

In less than 30 minutes you'll be doing useful work with LisaList. Lisa's revolutionary Graphics Mouse Technology™ replaces confusing computer commands with simple graphic images.

Graphics, together with the mouse, a simple selecting device, let you create, revise, and print documents intuitively. And because basic operations work the same way in all Lisa™ applications, you'll learn other applications in even less time.

LisaList makes it easy to create and maintain even the most complex lists. Simple operations allow you to organize an existing list so you can quickly find the information you need.

Organize information for quick reference and easy handling.

- Data is entered directly into the list—there is no special command language to learn.
- Changes made to the list are automatically integrated into the format and instantly shown.

Customize lists for added impact.

- Lists may contain as many as 100 columns.
- Each column may be assigned one of eight data types, suc as text, zip code, money, or texphone numbers.

Search and sort complex lists in seconds.

• Sort lists by information in one or more columns.

characters)

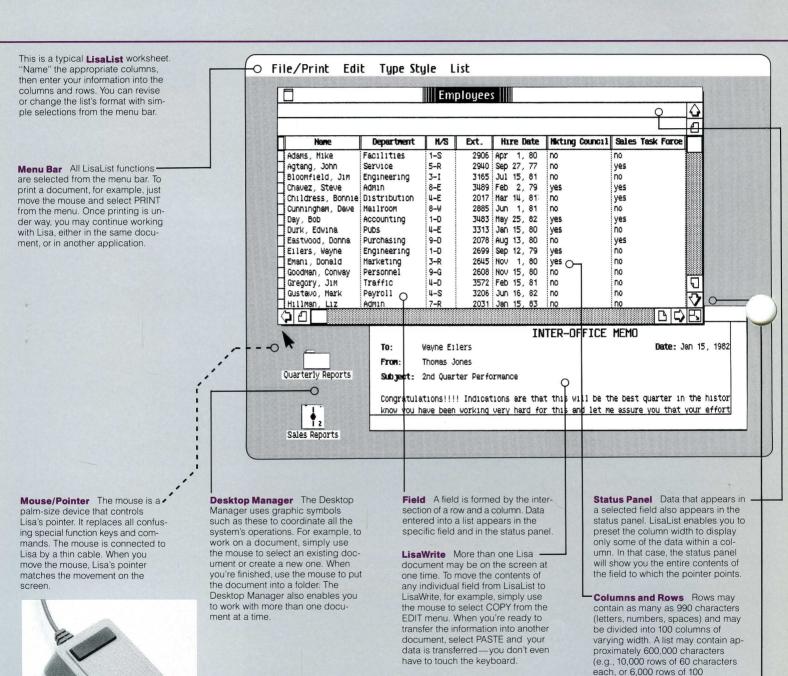
Scrolling To view another part of .

your LisaList document, vertically or

horizontally, simply use the mouse

to select the arrows or pages in the corners of the document. Similarly,

to stretch or contract the document, use the mouse to move the box at the bottom right-hand corner.



Edit Search Type Style

Select All of Document #A

¢X

¢€ ¢V

Cut

Paste

• Find all records that match certain criteria, such as people hired before 01/04/82.

Create many different reports n one master list.

splay or print individual columns.

- Change the order in which columns appear on the report.
- Change the format, name, or typestyles of the report.

Modify lists easily to suit your specific needs.

- Add or remove columns at any time.
- Temporarily "hide" columns so they're not displayed.
- Change display formats without re-entering the data.

Preserve the integrity of your data.

- Upon entry, data is automatically checked against the chosen data type for consistency.
- Built-in file-recovery mechanisms protect data from power fluctuations and media failures.

What you see on the screen is exactly what you get on the printed page.

 Apple's high-resolution Dot Matrix and Daisy Wheel Printers both produce LisaList documents that are suitable for reports or for copying onto transparencies.



LisaList protects you from inadvertently entering the wrong type of data into a particular column. Here, an "incorrect" month was entered into a column designated for dates.

Built-in Quality Control

- You may designate any one of eight data types (text, number, date, time, zip code, phone number, social security number, and money) for each column.
- LisaList automatically checks data entered into a column for conency with that column's data type—and warns of any ensistencies
- A built-in file-recovery mechanism helps LisaList retrieve lost portions of a list in the event of a power fluctuation or media failure.

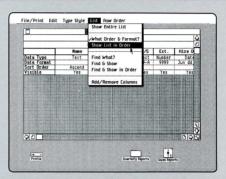


From an existing maste list, you can create many different reports each one tallored to mee a different need

The width of each column is flexible so you can set it as wide as necessary. You can also change the column width at any time.

Create and Edit Lists Easily

- LisaList requires no special command language.
- All entries to a list are automatically formatted.
- The effect of any change you make to a list immediately appears on the screen.
- Lists may contain up to 100 columns, which can be added or removed at any time.
- · Column width may be changed at any time.
- The name of a column may be up to 120 characters in length and may be changed at any time.
- Columns may be assigned one of eight data types.
- You may select one of several display formats for each data type
 change the display format without reentering data.



Selecting ASCENDING from the ROW ORDER menu enables you to see an alphabetical listing of employees in the list. Choosing SHOW LIST IN ORDER from the LIST menu displays your newly sorted list.

Search and Sort Even the Most Complex Lists

- Search criteria are specified by simply filling in a table.
- Search criteria may be specified for one or more columns.
- Comparisons (e.g., before 11/1/81; more than \$100) may be specified in the search criteria.
- Rows can be sorted or arranged in ascending or descending order by the contents of one or more columns.

Lest Home	First Name	Address	city	State	Zip Code	Telephone
60 rees	Tanara	25 Pete Cressman Lane	Chicago	TI.	36952	(521) 012-457
Abrans.	Russell	23 Java Lane	Chicago	It	36952	(321) 012-457
Adams	Paula	1471 Lake Street	Marysville	OR	78954	(452) 636-698
Alexander	Daniel	208 Deenza Blvd	Weston	FI.	12587	(236) 598-751
Cotteve	Michael	1245 Secremento Street	Augustine	HET	14552	(665) 874-554
Atkinson	Jack	2223 Lava Lane	Chicago	D.	34952	(321) 122-576
Restill	Mike	21443 Candy Lane	Chicago	IL	36952	(321) 121-457
Raderak	Sue	995 Java Lane	Chicego	D.	36952	(321) 122-293
Baker	Paul	1245 Sacramento Street	Accusting	HET	14552	(665) 874-554
Banks	Frank	29400 Carden Lene	Albany	GF	21001	(125) 748-000
Baren	Janix	1295 Orteon Street	Augustine	NT NT	14552	(565) 874-665
Barno	(Crystal	23d5 Pine Street	Augustine	Het.	14552	(665) 874-554
Barrymore	Urcula	999 St. James Place	Houston	75	78924	(454) 112-458
Barrymore	Drew	4523 Oak Place	Houston	TE	78924	(454) 121-458
Battat	Randy	1245 Sacramento Street	Augustine	100	14552	(665) 874-554
Birss	William	999 St. Jones Place	Houston	TE	78924	(454) 112-458
Bliss Blithe	Judy	1 Harleguin Street	Marristure	VA.	99381	(873) 048-264
Blumberg	Bruce	999 St. James Place	Houston	TE	78924	(454) 112-458
Brandon	Rose	3955 See Cliff Orive	Mesport	CM	22234	(717) 786-103
Braxton	Thomas	4453 Jordan Drive	Newport	CN	22234	(717) 182-102
Brent	David	984 - 22nd Avenue	Heupart	cx	22234	(717) 895-109
Brickley	Chris	3849 California Street	San Francisco	CA	45318	(455) 786-415
Britten	Chris	3953 Sea Cliff Grive	Memport	CX	22234	(303) 854-733
Brooks	Elaine	2030 Dane Street	Columbus	OH:	35418	(210) 354-871
Brown	John	12465 Washington Avenue	Hesport	CX	22234	(303) 854-733
Bruce	Ben.	9339 St. James Place	Houston	TE	78924	(454) 112-458
Bruster	Brien	2944 Shedy Lene	Pelo Alto	CA	32130	(457) 246-645
Calvert	Randy	2030 Dane Street	Columbus	OH .	35418	(210) 354-871
Campbell .	Riley	14 Adams Street	Concord	CA	45144	(454) \$11-447
Capes	Steve	199 Lawrence Way	Fresno	CA	55425	(222) 258-415
Carper	Clerk	14 Adams Street	Reading	CA	45231	(784) 123-348
Caspari	Greo	9873 Cherry Street	Concord	CA	45144	(454) 811-447-
Chan	Devid	2094 Fulton Street	San Mateo	CA	63665	(454) 671-212
Chan	Jeckie	278 Blosson Road	El Cerrito	CA	21172	(457) 875-433
Chan	Diane	1878 La Cresta Mey	Jersey City	H.J	23058	(654) 789-512
Chikes	Susan	2030 Dane Street	Columbus	OH.	35418	(210) 354-871
Chikes	Donald	148 Polk Street	Cleveland	OH.	35444	(211) 203-678
Chin	Brien	278 Blosson Road	El Cerrito	CA	21172	(457) 875-433
Chow	Karen	23787 Fulton Street	San Haten	CA	63665	(454) 621-212
Chu	Stacy	109 Cherry Lane	Ukinh	CA	35891	(658) 752-154
Chuck	Care)	3878 La Creste Mey	Jersey City	H.J	23058	(654) 789-5120
Chun	Arthur	3477 Love Lane	Brooklyn	HY.	36659	(124) 578-951
Church	KATAW	1394 Larkin Street	Doctoster	K1	25702	(225) 157-851
Cobb	Batthey	76 Ademson Street	Concord	OA.	45144	(454) 811-447
Correll	Denzie	29400 Garden Lane	Alberry	CZ.	21001	(125) 748-000
Cossey	Centros	1794 Larkin Street	Rochester	KY.	25702	(225) 157-851
Court	Jantos	23550 Corner Street	Salt Lake City	HT.	65252	(325) 112-450
Couch	David	334 Galifornia Street	Sen Baten	CA .	63665	(454) 671-212
Craft	John	344 Larkin Street	Rochester	NY.	25702	(225) 157-851
Crandon	Raleh		Columbus	OH		(210) 354-821
Crawford	Elegnor	230 Dana Street 3498 Clay Street	Rochester	CH HD	35418 25702	(225) 157-851
Crawford Cribbs	Eleanor Wandell	13444 Coery Street	Rochester	KY	25702	(225) 157-851
Cunnings	Frederick	94 Sutter Street	San Mateo	CA CA	63665	(454) 671-212
Daniels	leff.		San Mateo	CA CA	55425	
		199 Lewrence Way				(222) 258-4150
Daniels	Jeff	335 Juniper Way	Fresno	CA	55425	(222) 258-4150
David	Mark	93410 Lake Street	Salt Lake City	UT	65252	(325) 112-4584
Davidson	Roeve	398 Elm Street	Salt Lake City	UT	65252	(325) 112-4586
Devis	Staven	222 Pear Tree Ln	Saratoga	CA	94044	(408) 992-8773
Davis	Jin	1 Harlequin Street	Marrisburg	VA	99381	(873) 048-264
Deppe	Edward	410 Fell Street	Salt Lake City	UT	65252	(325) 112-4586
Derrick	Tani	459 Eln Tree Ln	Saratogs	CA	94044	(408) 992-8773
Des jerdin	Sandy	2345 Willow Ln	Seretoge	CA	94044	(408) 889-4211

First Mame	Position	Salary	Social Security *	Birthdate	
ant.	39	\$38,600.00	204-87-5206	Ter 24, 81	
nrol	39	\$38,600.00	456-73-8023	Jul 15, 79	
124	28	\$35,700.00	565-74-3112	Oct 23, 80	
lones	38	835,700.00	883-74-6524	Oct 1, 80	
svid.	30	\$35,700.00	786-94-0532	Aug 21, 82	
oris	36	335,700.00	863-74-6524	Oct 23, 82	
nho	38	\$55,700.00	890-70-4430	Oct 23, 81	
cheel	38	352,800.00	357-53-5475	Oct 11, 80	
rvid	28	318, 514, 00	125-98-5600	Aug 50, 81	
NT BO	28	338 514.00	456-39-1228	Aug 6. 82	
wid	28	\$38,514.00	167-18-4900	Aug 30, 79	
rederick	28	\$38,514.00		Jul 24, 80	
ule	25	\$52,600.00	125-85-6956	POT 4, 80	

Create Customized Reports

- Individual columns or rows may be specified for display or printing.
- Column order can be changed within the list.
- Lists may be printed in one of several typestyles and sizes.
- Lists are printed exactly as they are displayed.
- Columns can be temporarily "hidden" so they will not be displayed or printed.

Specifications





Basic learning time:

· Less than 30 minutes.

Maximum list size:

• Approximately 600,000 bytes (for example, 6,000 rows of 100 characters, or 10,000 rows of 60 characters). System chooses the optimum storage structure based on the data types chosen.

Maximum record (row) size:

• 990 bytes. Supports variable-length records.

Maximum number of fields (columns) per record (row):

• 100

Data types supported:

- Text (the default data type).
- Number.
- Date
- · Money.
- Time
- · Social Security number.
- Phone number.
- · Zip code.

Entering/Formatting data:

- Data is automatically checked for consistency with the data type designated for the column.
- Data is automatically formatted according to a format created by the user, or a default format
- Data formats may be changed at any time; previously entered data will automatically be reformatted. Note: The data type selected for a given column may not be changed once the list is created
- · Variable-width display format allows for entries larger than the column width established by the user.

Editing:

- · At any time you may:
- -Add or delete columns
- -Insert, update, and delete records (rows) with the same editing operations (cut, paste, copy, clear) of other Lisa applications.
- -Reorder columns
- -Alter column width
- -Temporarily "hide" columns you don't want in a particular report.
- -Rename any or all columns.

Sorting:

- Lists can be sorted in ascending or descending order.
- Complex data types, such as time and date, can be sorted (e.g., 11:00 A.M. comes before 4:00 P.M.)
- Multiple sort fields may be specified by filling in a simple table.

- Search criteria may be specified by filling in a simple table.
- · Search criteria may be specified for any number of fields.
- Search criteria include equal to, greater than, greater than or equal to, less than, less than or equal to, not equal to, between.
- Uses B* indexing.

Special features:

- UNDO function cancels effects of last operation.
- REVERT TO PREVIOUS VERSION undoes all changes made to the document since it was last saved.
- More than one list can be on the screen at the same time.
- Choose arrow keys or mouse for easy data entry.
- Numeric keypad.
- Built-in file-recovery mechanism to protect data from power fluctuations and media failures.

- "What you see is exactly what you get" fidelity.
 Apple's high-resolution Dot Matrix Printer (160 x 144 dots per inch; 6.2 x 5.6 dots per mm)
- Apple's Daisy Wheel Printer.
- · All or part of a list may be printed.
- Lists may be formatted for 8½ x 11 (215 x 279), 8½ x 14 (215 x 355), or 11 x 14 (279 x 355 mm) inches.
- Print one or multiple copies
- · Print in horizontal or vertical formats.
- A variety of typestyles are available including a small, 15-pitch size.

Documentation:

- Brief orientation guide to get you started in less than 30 minutes.
- Complete reference book
- · Extensive step-by-step tutorial.
- · Handy reference card.

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