THE ELY ANCESTRY.

241213. Mary Eliza Warner, b. 1826, dau. of Samuel Selden Warne and Azubah Tully; m. 1850, Joel M. Gloyd (who was connected with Diel Institute Waite/s (amile)

243311. Abigail Huntington Lathrop (widow), Boonton, N. J., b 1810, dau, of Mary Ely and Gerard Lathrop; m. 1835, Donald McKenzie, West Indies, who was b. 1812, d. 1835.

(The widow is unable to give the names of her husband's pa Their children :

1. Mary Ely, b. 1836, d. 1839. 2. Gerard Lathrop, b. 1838.

243312. William Gerard Lathrop, Boonton, N. J., b. 1812, d. 1882, on of Mary Ely and Gerard Lathrop; m. 1837, Charlotte Brackett minings, New York City, who was b. 1818, dau. of Nathan Tilestone minings and Maria Miller. Their children:

. Maria Jennings, h. 1858, d. 1840. William Gerard, h. 1840. Donald McKenzie, b. 1840, d. 1843. Anna Margaretta, h. 1843. Anna Catherine, h. 1845.

a43314. Charles Christopher Lathrop, N. Y. City, b. 1817, d. 1855, on of Mary Ely and Gerard Lathrop: m. 1866, Mary Augusta Andruss, gp Broad St., Newark, N. J., who was h. 1852, data of Judge Cather falated Andruss and Emma Sutherland Goble. Mrs. Lathrop diel ther home, gps Broad SL, Newark, N. J., Fridta moring, Nov. 4, 898. The funceral services were held at her residence on Monday, Nov. ris68, at half-and two o'clock P. M. Thier children:

Charles Halstaud, h. 1857, d. 1861.
 William Gerard, h. 1858, d. 1861.
 Theodore Andruss, h. 1860.
 Emma Goble, h. 1860.

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Research in the Acquisition Pipeline

David W. Embley

Christopher Almquist, Bill Barrett, Alan Cannaday, Robert Clawson, Jake Gehring, Doug Kennard, Tae Woo Kim, Steve Liddle, Peter Lindes, Deryle Lonsdale, Thomas Packer, Joseph Park, Pat Schone, Scott Woodfield





Acquisition Pipeline

Strategic Planning **Field Negotiations Eield** Capture HQ Image & Metadata Ingest Image Auditing Cataloging **Collection Treatment** Waypointing **Book Scanning**



ok Scanning Oral History Recording Indexing Post-Processing/Quality Control Load to Search Engine, Publish

(Alan Cannaday)





Sharp/Focused

Out of Focus

Motion Blur

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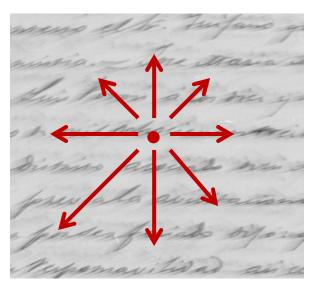
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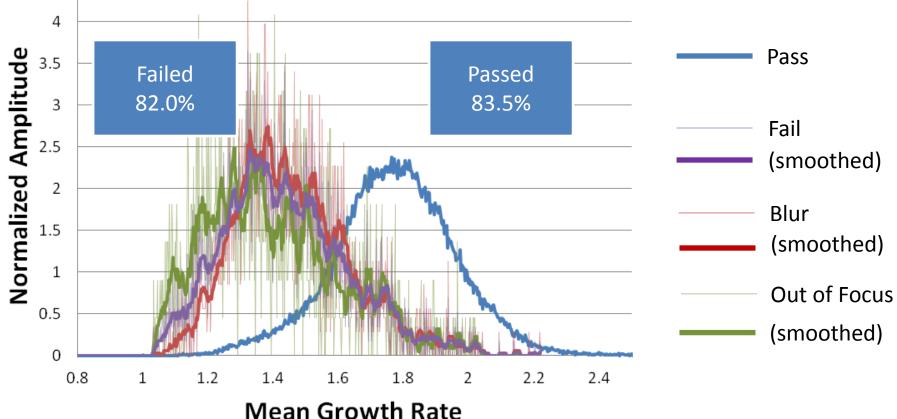
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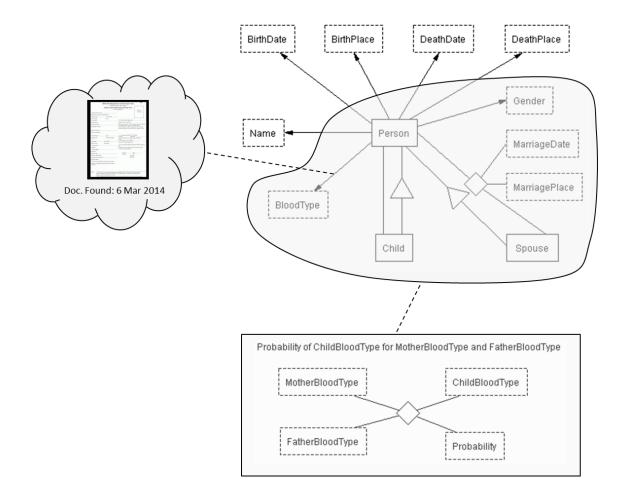


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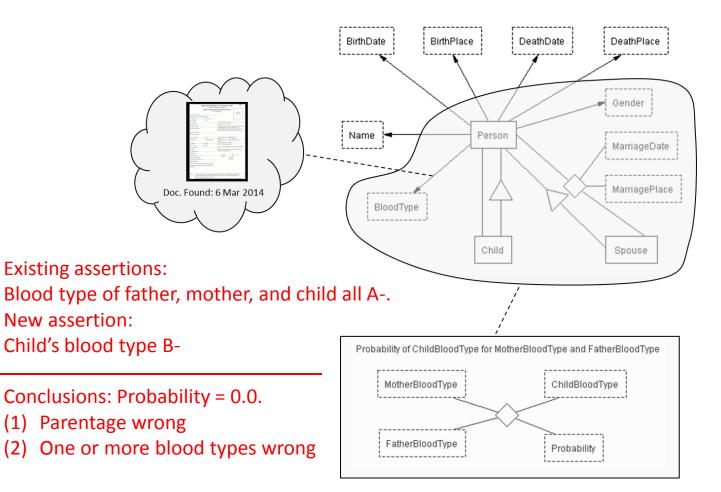


lean Growth Rate

Load to Search Engine: Constraint Satisfaction (Scott Woodfield)



Load to Search Engine: Constraint Satisfaction (Scott Woodfield)



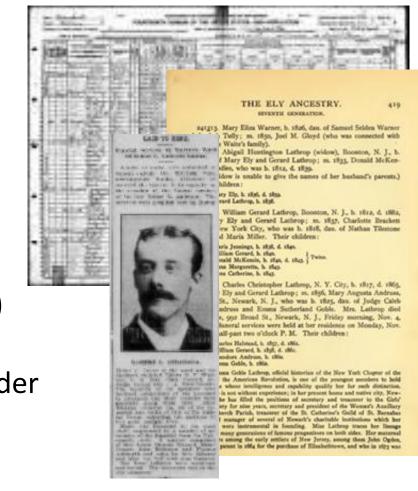
(1)

(2)

Automated "Green" Indexing

"Green": improves with use-learns from user interaction

- Intelligent Indexing
- "Click" Annotator
- GreenFIE-HD
- Obituaries (100M+)
 - FROntIER
 - Machine Learning
- Scanned Books (100K+)
 - ListReader
 - FormReader/TableReader
 - OntoSoar
- GreenFIE-HD⁺⁺



(Robert Clawson, Doug Kennard, ..., Bill Barrett)

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whose place of abode on 920, was in this family. then the given name and middle initial, if any. living on January 1, 1988. Omit en since January 1, 1988.	Bolation ship of this person to the head of the family.	Bome owned or restat.	If owned, free or mortgaged.	1	Color or race.	Apr of Just Meth-	Slagle, married.	Year of Immirra- tion to the Unit- ed States.	Nataralised or alles.	If naturalized, year of natural-	Attended school and the stars and the stars	Whother able to read.
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John J.	Son			m	K	7	S				40	0
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	Daughter			7	K	19	S					
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Annotator (Christopher Almquist, ..., Steve Liddle)

	Person	Form Builder Logout	Supload Set Existing ← of # → ○ ○
Father	Mother	Child	
amuel Selden Warne	Azubah Tully	Mary Eliza Warner	THE ELY ANCESTRY. 419
erard Lathrop	Mary Ely	Abigail Ely and Lathroj	SEVENTH GENERATION. 241 <u>2</u> 13. Mary Eliza Warner, b. 1826, dau. of Samuel Selden Warner
Donald McKen-zie	Abigail Huntington Latl	Mary Ely	and Azubah Tully; m. 1850, Joel M. Gloyd (who was connected with Chief Justice Waite's family).
		Gerard Lathrop	243311. Abigail Huntington Lathrop (widow), Boonton, N. J., b. 1810, dau. of Mary Ely and Gerard Lathrop; m. 1835, Donald McKen-
Gerard Lathrop	William Gerard Lathro	zie, West Indies, who was b. 1812, d. 1839. (The widow is unable to give the names of her husband's parents.)	
lathan Tilestone Jenn	Maria Miller	Charlotte Brackett Jen	Their children : 1. Mary Ely, b. 1836, d. 1859.
William Gerard Lathroj	Charlotte Brackett Jen	Maria Jennings	2. Gerard Lathrop, b. 1838.
		William Gerard	243312. William Gerard Lathrop, Boonton, N. J., b. 1812, d. 1882, son of Mary Ely and Gerard Lathrop; m. 1837, Charlotte Brackett
		Donald McKenzie	Jennings, New York City, who was b. 1818, dau. of Nathan Tilestone Jennings and Maria Miller. Their children:
		Anna Margaretta	1. Maria Jennings, b. 1838, d. 1840.
		Anna Catherine	2. William Gerard, b. 1840. 3. Donald McKenzie, b. 1840, d. 1843. 4. Anna Margaretta, b. 1843. 5. Anna Catherine, b. 1845.
Display Mode; Grid	Switch Add Record		243314. Charles Christopher Lathrop, N. Y. City, b. 1817, d. 1865, son of Mary Ely and Gerard Lathrop; m. 1856, Mary Augusta Andruss, 992 Broad St., Newark, N. J., who was b. 1825, dau. of Judge Caleb Halstead Andruss and Emma Sutherland Goble. Mrs. Lathrop died at her home, 992 Broad St., Newark, N. J., Friday morning, Nov. 4, 1898. The funeral services were held at her residence on Monday, Nov. 7, 1898, at half-past two o'clock P. M. Their children: 1. Charles Halstead, b. 1857, d. 1861.

Annotator (Christopher Almquist, ..., Steve Liddle)

Form Builder/Anr	Person	Form Builder Logout	Depload
Father	Mother	Child	
amuel Selden Warne	Azubah Tully	Mary Eliza Warner	THE ELY ANCESTRY. 419 SEVENTH GENERATION.
erard Lathrop	Mary Ely	Abigail Ely and Lathro	241213. Mary Eliza Warner, b. 1826, dan. of Samuel Selden Warner
onald McKen-zie	Abigail Huntington Latl	Mary Ely	and Azubah Tully; m. 1850, Joel M. Gloyd (who was connected with Ghief Justice Waite's family).
		Gerard Lathrop	243311. Abigail Huntington Lathrop (widow), Boonton, N. J., b. 1810, day, of Mary Ely and Gerard Lathrop; m. 1835, Donald McKen-
erard Lathrop	Mary Ely	William Gerard Lathroj	zie, West Indies, who was b. 1812, d. 1839. (The widow is unable to give the names of her husband's parents.)
athan Tilestone Jenn	Maria Miller	Charlotte Brackett Jen	Their children: 1. Mary Bly, b. 1836, d. 1859.
/illiam Gerard Lathro	Charlotte Brackett Jen	Maria Jennings	2. Gerard Lathrop, b. 1838. 2433122. William Gerard Lathrop, Boonton, N. J., b. 1812, d. 1882,
		William Gerard	son of Mary Ely and Gerard Lathrop; m. 1837, Charlotte Brackett
		Donald McKenzie	Jennings, New York City, who was b. 1818, daw. of Nathan Tilestone Jennings and Maria Miller. Their children:
		Anna Margaretta	1. Maria Jennings, b. 1838, d. 1840.
		Anna Catherine	 William Gerard, b. 1849. Donald McKenzie, b. 1849., d. 1843. Anma Maggaretta, b. 1843. Anma Catherine, b. 1843.
Display Mode: Grid	Switch Add Record		243314. Charles Christopher Lathrop, N. Y. City, b. 1817, d. 1865, son of Mary Ely and Gerard Lathrop; m. 1856, Mary Augusta Andrass, 962 Broad St., Newark, N. J., who was b. 1825, dan. of Judge Caleb Fraistead Andritiss and Emma Sutherland Gobte. Miss Lathrop died at her home, 992 Broad St., Newark, N. J., Friday morning, Nov. 4, 1898. The funeral services were held at her residence on Moniday, Nov. 7, 1898, at half-past two o'clock P. M. Their children: 1. Ghanles Halatead, b. 1857, d. 1861. 2 William Gerard

GreenFIE-HD (Tae Woo Kim)

"Green" Form-based Information Extraction for Historical Documents

	Child		Supposed = Existing ← 573 of 830 → 0 → 0 →
Name	Birth Year	Death Year	
Mary Ely	1836	3 1859	
Gerard Lathrop	1838		THE ELY ANCESTRY. 419
Maria Jennings	1838	1840	1 NOT THE REPORT OF A DESCRIPTION OF THE REPORT OF THE RE THE REPORT OF THE REPORT
William Gerard	1840		
onald McKenzie 1840		1843	
Anna Margaretta	1843		, , , , , , , , , , , , , , , , , , , ,
Anna Catherine	1845		(The widow is unable to give the names of her husband's parents.) Their children:
			1. Mary Ely, b. 1836, d. 1859. 2. Gerard Lathrop, b. 1838.
Display Mode: Grid GreenFIE S	Switch Add Rec	rm Submit Completed Work	243312. William Gerard Lathrop, Boonton, N. J., b. 1812, d. 1882, son of Mary Ely and Gerard Lathrop; m. 1837, Charlotte Brackett Jennings, New York City, who was b. 1818, dau. of Nathan Tilestone Jennings and Maria Miller. Their children:
A	ctions	Keyboard Shortcuts	1. Maria Jennings, b. 1838, d. 1840. 2. William Gerard, b. 1840.
click on token: annotate toke	n (letters and digits only)	Tab: next field	3. Donald McKenzie, b. 1840, d. 1843. 5 Twins.
Alt-click on token: annotate to	oken (letters, digits & punct	tuation) Shift-Tab: previous field	4. Anna Margaretta, b. 1843.
mouse-select & click: annotat	te selected text	click on field & Esc: move focus to field	5. Anna Catherine, b. 1845.
hold Ctrl: append annotation	on click or Alt-click (H for N	/lac) 1–9: add 1–9 nested fields	243314. Charles Christopher Lathrop, N. Y. City, b. 1817, d. 1865.
click on field: enter edit mode	3	x: clear annotation	son of Mary Ely and Gerard Lathrop; m. 1856, Mary Augusta Andruss
Esc: leave edit mode		a: add record	992 Broad St., Newark, N. J., who was b. 1825, dau. of Judge Caleb
hover-m: add a nested recor			Halstead Andruss and Emma Sutherland Goble. Mrs. Lathrop died
hover-E: remove last nested	1 record		at her home, 002 Broad St., Newark, N. J., Friday morning, Nov. 4

GreenFIE-HD: Extraction Rule Creation

	P	erson		
FirstName1	FirstName2	BirthYear	DeathYear	
Maria	Jennings	1838	1840	×

- 1. Maria Jennings, b. 1838, d. 1840.
- 2. William Gerard, b. 1840.
- Twins. 3. Donald McKenzie, b. 1840, d. 1843.
- 4. Anna Margaretta, b. 1843.
- 5. Anna Catherine, b. 1845.



$d{1}.s([A-Z][a-z]{2,6})s([A-Z][a-z]{4,10}),sb.s(d{4}),sd.s(d{4}).$

GreenFIE-HD: Recall Error Resolution

	Pe	rson	
FirstName1	FirstName2	BirthYear	DeathYear
Charles	Halstead	1857	1861
William	Gerard	1858	1861
Emma	Goble	1862	



 $d{1}.(g([A-Z][a-z]{2,8}))([A-Z][a-z]{1,8}), sb.(d{4}|i\d{3})(.|, sd.(d{4}))$

GreenFIE-HD: Precision Error Resolution



members from the old colonial Aldens, Brewsters, Fullers, and Elys. Home Journal, Jan. 15, 1896. 243316. Mary Cornelia Lathrop, b. 1820, d. 1879, dau. of Mary Ely and Gerard Lathrop; m. 1840, Jacob Dykeman Vermilye, 49 East 21st St., New York City, who was b. 181 7, son of William Vermilye and Mary Montgomery. Their children 1. William Gerard, b. 1841. 2. Mary Ann, b. 1846.

3. Louisa Lathrop, b. 1851, d. 1853.

 $\s([A-Z][a-z]{2,8})\s([A-Z][a-z]{1,8}),$

\d{1}\.\s ([A-Z][a-z]{2,8})\s([A-Z][a-z]{1,8}),\sb\.\s

GreenFIE-HD: Principles

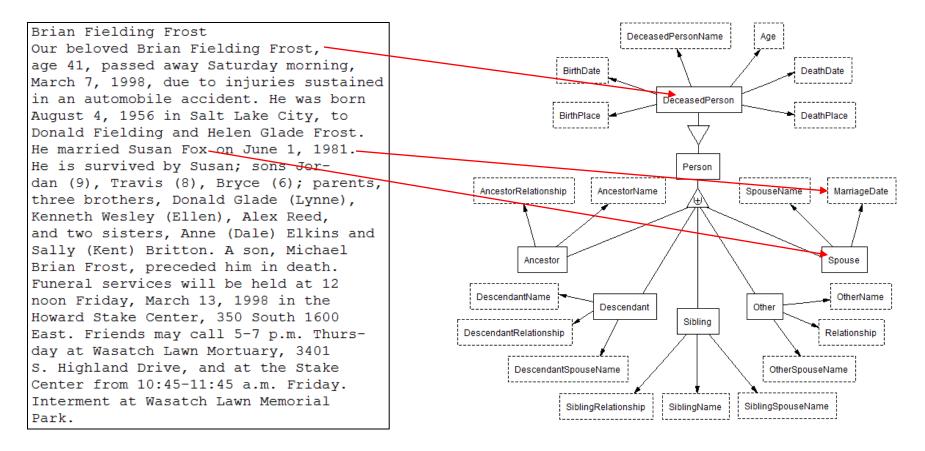
Look-ahead: automatic extraction

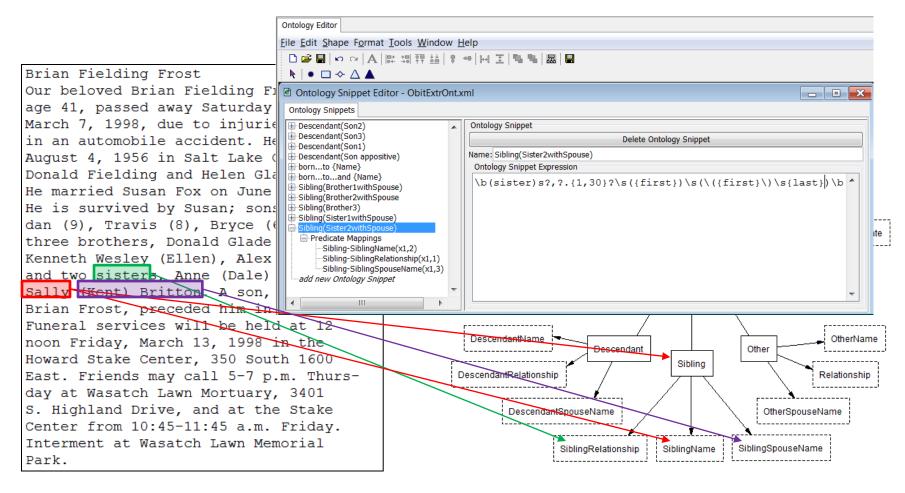
• Look-behind: rule derivation and adjustment

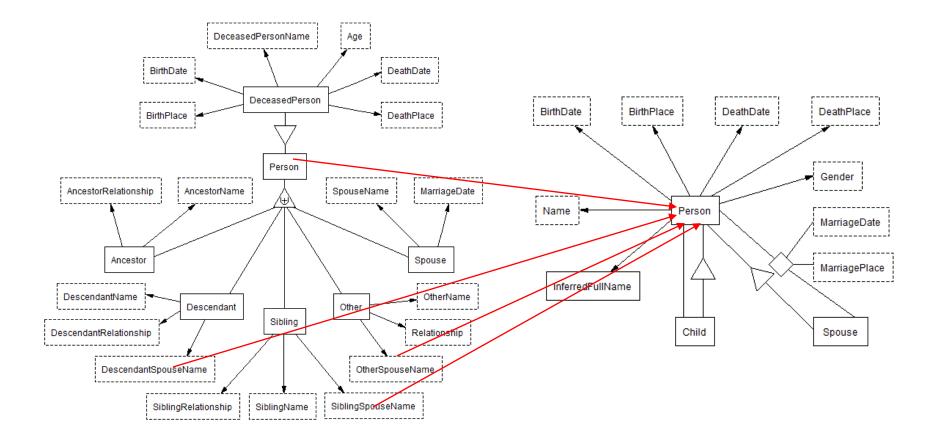
• "Green": improves with use

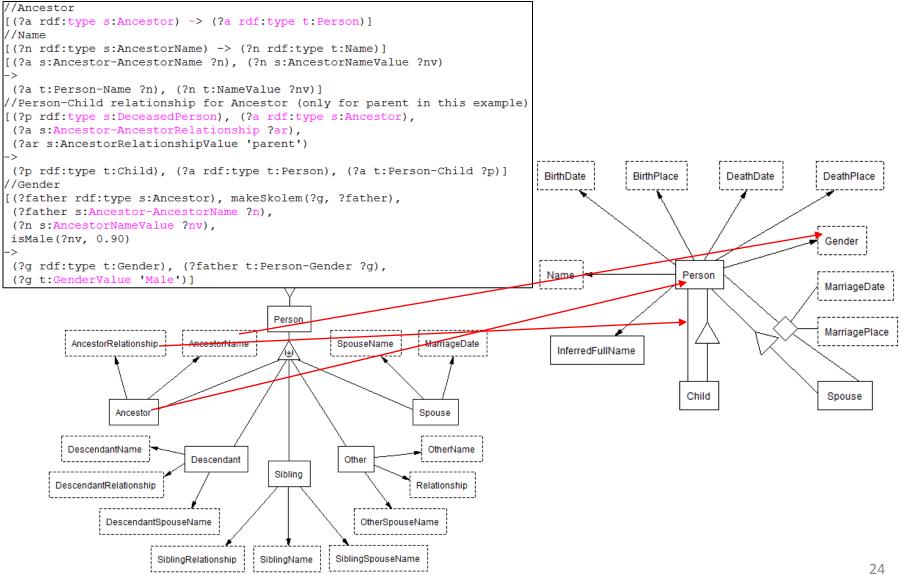
Obituaries with FROntIER (Joseph Park)

(Fact Recognizer for Ontologies with Inference and Entity Resolution)

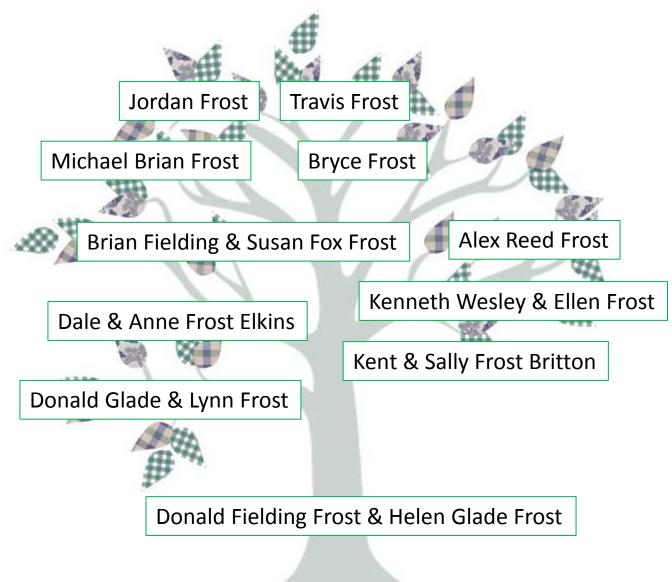








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osmx68 Ellen Frost		· ·	×	1
osmx72 Travis Frost				
osmx99 Brian Fielding Frost				/
osmx107 Lynne Frost				Gender
Compath Worldy Fract	*	,	, __	
Person InferredFullName		Name	Persor	n MarriageDate
osmx121 Alex Reed Frost				∖ ∖ /└
osmx115 Bryce Frost				\ _ _ _
osmx109 Kenneth Wesley Frost				
osmx68 Ellen Frost		Inform	edFullName	→ \ Z \
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osmx119 Travis Frost				
osmx91 Susan Fox Frost osmx161 Donald Glade Frost			0	
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osmx125 Lynne Frost				
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osmx151 Kent Britton	Person	Spouse	MarriageDate	MarriagePlace
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Obituaries with Machine Learning

(Pat Schone)

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TITLE				n Street) in Price Mond		MEMBER_O
VEHICLE	g from 6:00-8:00	p.m. and at the ch	urch Tuesday from	9:30-10:30 a.m. prior to	o services.	NAMEXTRA (
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	Interment will be	in the Orangeville	City Cemetery.			
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HASFAMMEMLST	Laici Shumway	00021		son	00021680	
	Blanding	00021		Utah	00021759	
SUBPLACE OF						

Obituaries with GreenFIE-HD

		Brian Fielding Frost
DeceasedF	Person	Our beloved Brian Fielding Frost,
		age 41, passed away Saturday morning,
		March 7, 1998 due to injuries sustained
Name	Brian Fielding Frost	in an automobile accident. He was born
		August 4, 1956 in Salt Lake City, to
Age	41	Donald Fielding and Helen Glade Frost.
		He married Susan Fox on June 1, 1981.
DeathDate	March 7, 1998	He is survived by Susan; sons Jor-
		dan (9), Travis (8), Bryce (6); parents,
DeathPlace		three brothers, Donald Glade (Lynne),
		Kenneth Wesley (Ellen), Alex Reed,
BirthDate	August 4, 1956	and two sisters, Anne (Dale) Elkins and
		Sally (Kent) Britton. A son, Michael
BirthPlace	Salt Lake City	Brian Frost, preceded him in death.
		Funeral services will be held at 12
		noon Friday, March 13, 1998 in the
		Howard Stake Center, 350 South 1600
		East. Friends may call 5-7 p.m. Thurs-
Display Mode: S	standard Switch	day at Wasatch Lawn Mortuary, 3401
Display Model C		S. Highland Drive, and at the Stake
		Center from 10:45-11:45 a.m. Friday.
		Interment at Wasatch Lawn Memorial
		Park.

ListReader (Thomas Packer)

1555. Elias Mather, b. 1750, d. 1788, son of Deborah Ely and Richard Mather; m. 1771, Lucinda Lee, who was b. 1752, dau. of Abner Lee and Elizabeth Lee. Their children:—

- 1. Andrew, b. 1772.
- 2. Clarissa, b. 1774.
- 3. Elias, b. 1776.
- 4. William Lee, b. 1779, d. 1802.
- 5. Sylvester, b. 1782.
- 6. Nathaniel Griswold, b. 1784, d. 1785.
- 7. Charles, b. 1787.

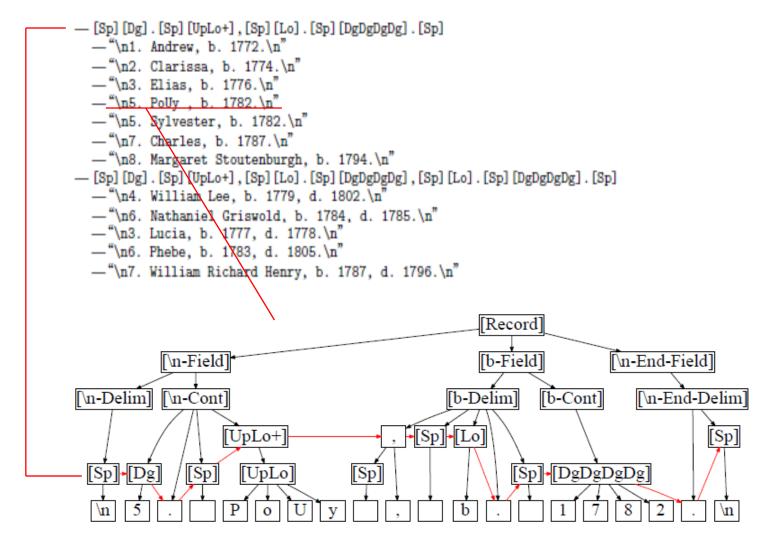
1556. Deborah Mather, b. 1752, d. 1826, dau. of Deborah Ely and Richard Mather; m. 1771, Ezra Lee, who was b. 1749 and d. 1821, son of Abner Lee and Elizabeth Lee. Their children:—

- 1. Samuel Holden Parsons, b. 1772, d. 1870, m. Elizabeth Sullivan.
- 2. Elizabeth, b. 1774, d. 1851, m. 1801 Edward Hill.
- 3. Lucia, b. 1777, d. 1778.
- 4. Lucia Mather, b. 1779, d. 1870, m. John Marvin.
- 5. Polly, b. 1782.
- 6. Phebe, b. 1783, d. 1805.
- 7. William Richard Henry, b. 1787, d. 1796.
- 8. Margaret Stoutenburgh, b. 1794.

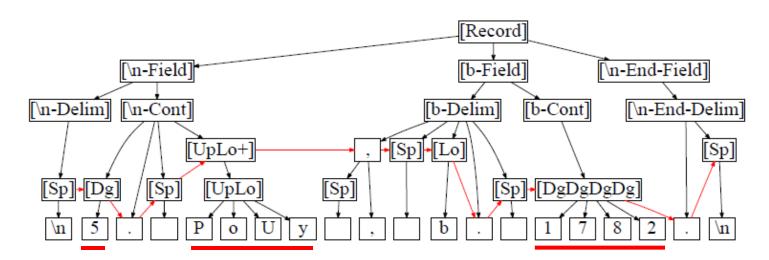
ListReader

1555. Elias Mather, b. 1750, d. 1788, son of Deborah Ely and Richard Mather; m. 1771, Lucinda Lee, who was b. 1752, dau. of Abner Lee and Elizabeth Lee. Their children :---—"\n1. Andrew, b. 1772.\n" 1. Andrew, b. 1772. -- "\n2. Clarissa, b. 1774.\n" 2. Clarissa, b. 1774. 3. Elias, b. 1776. -—"\n3. Elias, b. 1776.\n" 4. William Lee, b. 1770, d. 1802. -"\n5. PoUy , b. 1782.∖n″ 5. Svlvester, b. 1782. 6. Nathaniel Griswold, b. 1784, d. 1785. "\n5. Sylvester, b. 1782.\n" 7. Charles, b. 1787. "\n7. Charles. b. 1787.\n" 1556. Deborah Mather, b. 1752, d. 1826, dau. of Deborah Ely and \n8. Margaret Stoutenburgh, b. 1794.\n" Richard Mather; m. 1771, Ezra Lee, who was b. 1749 and d. 1821, son of Abner Lee and Elizabeth Lee. Their children .--— "\n4. William Lee, b. 1779, d. 1802.\n" 1. Samuel Holden Parsons, b. 1772, d. 1870, m. Elizabeth Sullivan, "\n6. Nathaniel Griswold, b. 1784, d. 1785.\n" 2. Elizabeth, b. 1774, d. 1851, m 1801 Edward Hill. 3. Lucia, b. 1777, d. 1778. "\n3. Lucia, b. 1777, d. 1778.\n" 4. Lucia Mather, b. 1779, d. 1870, m. John Marvin. "\n6. Phebe, b. 1783, d. 1805.\n" 5. Polly, b. 1782. 6. Phebe, b. 1783, d. 1805. "\n7. William Richard Henry, b. 1787, d. 1796.\n" 7. William Richard Henry, b. 1787, d. 1706 8. Margaret Stoutenburgh, b. 1704.

ListReader



ListReader

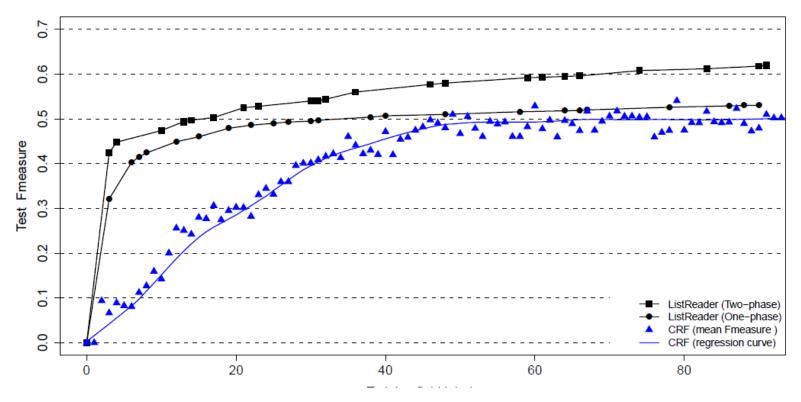


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??	1782		BirthDate	1782

ListReader (Thomas Packer)

Fmeasure vs. Cost for ListReader and CRF

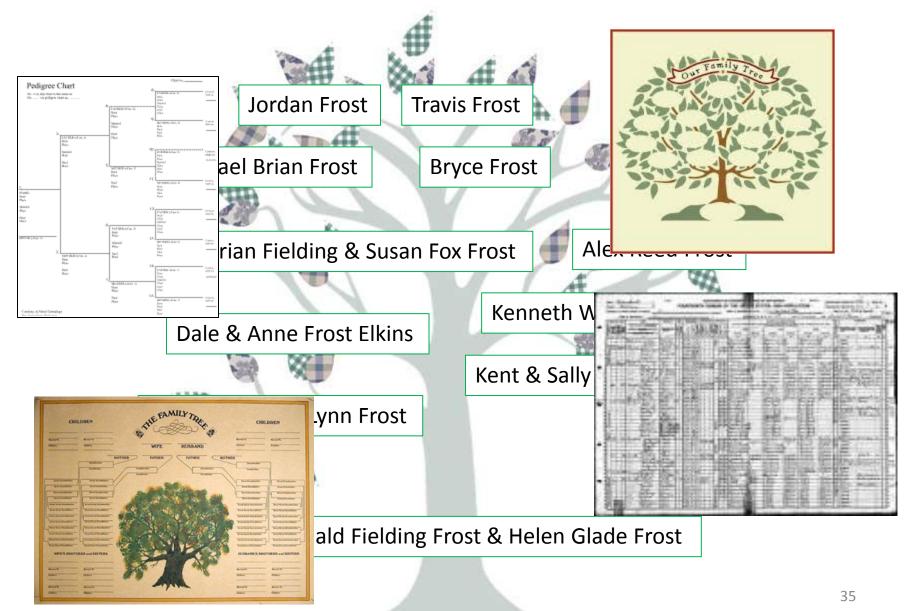


FormReader

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Owner or Operator	NATIONAL AERONAUTICS	AND SPACE ADM	INISTRATION	
Marks of		Flight		
Nationality and Regist	vation U.S.A.	No. APOLLO	.11 Date	JULY 24, 1969
Departure from	MOON (Place and Geantry)	Arrival at	HONOLULU, H	AWAIL, U.S.A.
and a second second	FLIGHT	ROUTING		
	("Place" Column always to list origi		p and destination)	
PLACE	TOTAL NUMBER	NUMBER OF	PASSENGERS	
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the effects of accidents, flight:	as well as those cases of illness disemb	arked during the	1	
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	TO BE DETERMINED		Customs	Inspector
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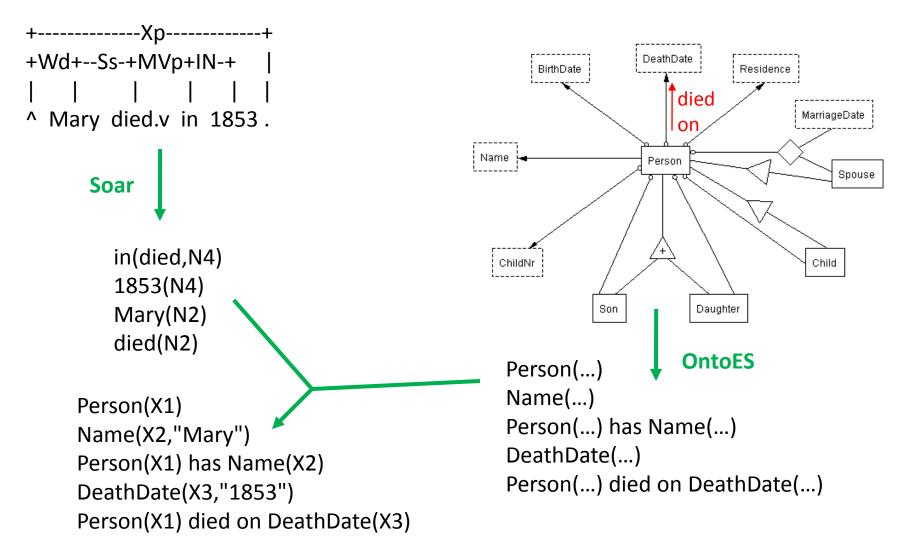
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PECIALITAR OF PASSENCER TO CANADA 925
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LONDON

ChartReader, Table Reader, ...



Children of JAMES HARWOOD, No. 103.

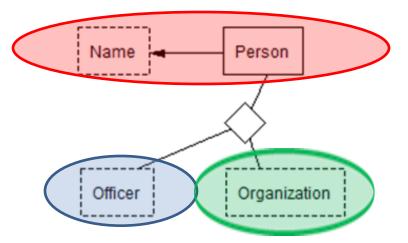
229. MYRA, born July 26, 1835, in Eden, Vt. She married ELIJAH SPENCER, Dec. 25, 1851. They had five children: Arvilla, born in 1852, is not living; Mariette, born Dec. 25, 1854, married Jonathan Snyder, have a family; Leverett, born Feb. 6, 1857, married Cora Smith, Nov. 2, 1879, had two children, Perry F. and Ida I. Leverett died May 21, 1910; Rosa E., born Jan. 13, 1860, married Emmett Byers, and have children; and Harrison, born about 1862, is not living. Elijah Spencer died in the Union army in 1863, and his widow married JONATHAN SQUIRES, who was born in Ohio, July 25, 1823, by whom she had one son, J. Wilbur, born June 16, 1865, in DeKalb county, Ind., married Cora M. Thomas, Aug. 24, 1887, they reside in St. Joseph, Mich., five children. Mrs. Myra Squires died in Allen county, Ind., Feb. 13, 1874.

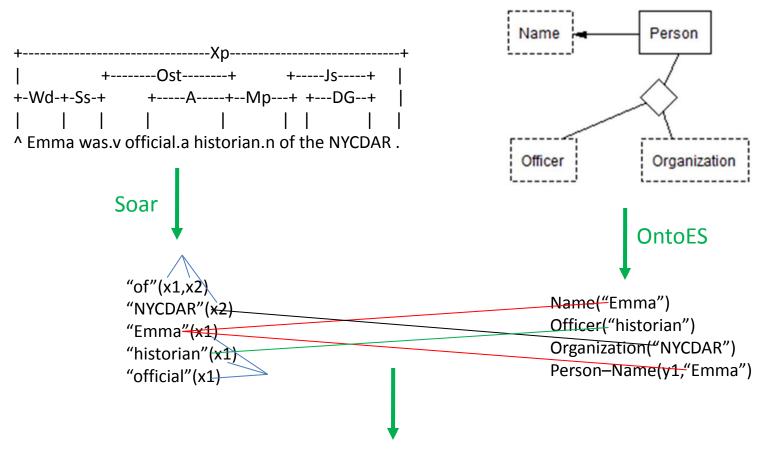


3. Ineodore Hndruss, D. 1860.

4. Emma Goble, b. 1862.

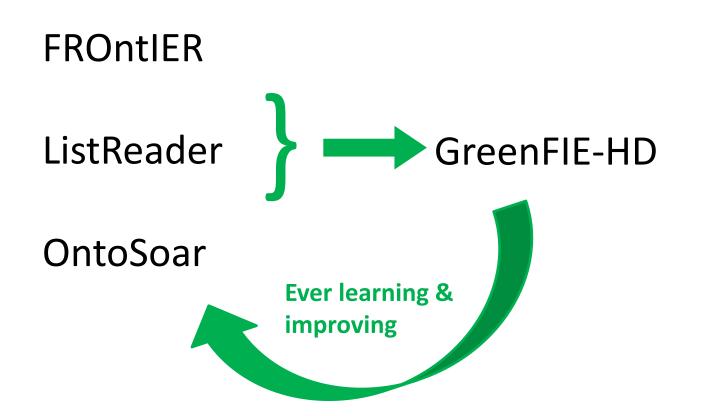
Miss Emma Goble Lathrop, official historian of the New York Chapter of the Daughters of the American Revolution, is one of the youngest members to hold office, but one whose intelligence and capability qualify her for such distinction.
 Miss Lathrop is not without experience; in her present home and native city, Newark.
 N. J., She has filled the positions of Secretary and treasurer to the Girls'
 Friendly Society for nine years, secretary and president of the Woman's Auxiliary of Trinity Church Parish treasurer of the St Catherine's Guild of St Barnahas



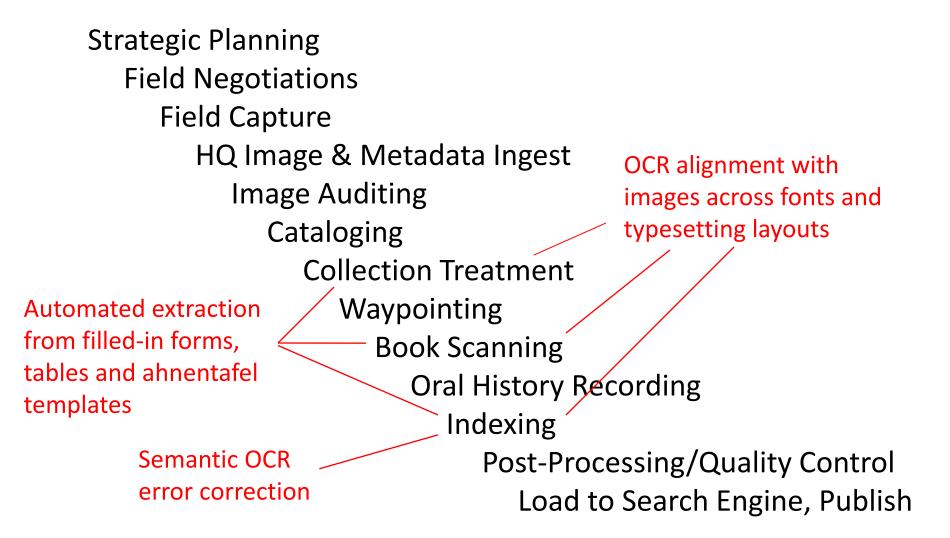


Person-Officer-Organization(y1, "official historian", "NYCDAR")

GreenFIE-HD⁺⁺



Research Wish List



Strategic Planning **Field Negotiations Field Capture** Facial recognition HQ Image & Metadata Ingest based on labeled Image Auditing faces in other photos Cataloging **Collection Treatment** Waypointing **Book Scanning** Social/collaborative indexing environments **Oral History Recording** Indexing **Snippet indexing** Post-Processing/Quality Control on mobile devices Load to Search Engine, Publish

Strategic Planning **Field Negotiations Field Capture** Extraction of lineage-HQ Image & Metadata Ingest linked data in register-Image Auditing style tables Cataloging **Collection Treatment** Waypointing **Book Scanning** Handwriting recognition **Oral History Recording** Indexing Search results Post-Processing/Quality Control clustering based on Load to Search Engine, Publish kinship networks

Strategic Planning **Field Negotiations Field Capture** Extraction of lineage-HQ Image & Metadata Ingest linked data from text Image Auditing Cataloging **Collection Treatment** Waypointing Newspaper scanning, **Book Scanning** zoning, article concatenation Oral History Recording Indexing Records hinting for, Post-Processing/Quality Control historical collections Load to Search Engine, Publish

Strategic Planning **Field Negotiations Field Capture** HQ Image & Metadata Ingest Automatic document Image Auditing classification Cataloging **Collection Treatment** Image capture Waypointing software to eliminate blur and focus issues **Book Scanning Oral History Recording** Indexing Post-Processing/Quality Control Efficient routing of Load to Search Engine, Publish work to volunteers

THE ELY ANCESTRY.

419

zątgt3, Mary Elina Warner, b. 1826, dan. of Samuel Selden Warner and Amhak Tuily; m. 1850, Joel M. Gloyd (who was connected with Chief Justice Waite's family).

a33311. Ahigail Huntington Lathrop (widow), Boomon, N. J., b. aften, dan, of Mary Ely and Gerard Lathrop; m. 1835, Donald McKensin, West Indies, who was h. 1812, d. 1839.

(The widow is usable to give the nation of her husband's parents.) Their children :

1. Mary 33p. b. slipi, d. slipa 4. Gerard Lathrop, b. slipit.

243323. William Gerard Lathrop, Booston, N. J., b. 1818, d. 1888, and of Mary Ely and Gerard Lathrop: m. 1819, Charlotte Brackett Jennings, New York City, who was b. shift, dan. of Nathan Tilestune Jenning and Maria Miller. Their children:

t. Maria Jaminga, h. staft, d. stan, 4. William Generd, h. stan, 5. Donald McKensin, h. stan, d. stag, 4. Anna Marguettia, h. stag, 5. Anna Carlportes, h. stag,

242314. Charles Christopher Lathrop, N. Y. Gity, h. 6827, d. 8 son of Mary Ely and Genral Lathrop; m. 6195, Mary Augusta An 928 Brand St., Neuark, N. J., who was h. 1825, dan. of Jodge Hahmed Andreas and Ecuma Sutherland Goble. Mrs. Lathrop at her home, gon Brand St., Neuark, N. J., Friday morning, N. 1896. The internal services were held at her residence on Monday, 2, 1806, at hall past two o'clock P. M. Their children:

Churles Halstend, h. shy, d. shin.
 William Gerard, h. shyl, d. shin.
 Theodore Andreas, h. shin.
 Erems Gebb, h. shin.

Him Tamma Golds Labbon, official kinerities of the Hew Yark Chapter Daughters of the American Kernelsins, is our of the prosper members to office, hen one whose intelligences and explaiding guildly her for each derivblin. Labbong is not withint experience; in her persents hous and onlive righark, X. J. das has filled the positions of sourceary and measures to the Friendly Society for size years, scentrary and provident of the Wessawi's And of Trining Double Parith, treasant at the file. Cathenia's Guild of S. Re Hughle, and manage of serversi of Xernet's charitude instainants with grandparenti vern instrumential in founding. Main Labbon years her hack through many generatives of farming preprintives to hold holds. Her mamentanes were memory the early artifarts of New Jersey, among these Joint why availed guile in high let the produces of Elizabethreever, and who is ri-

Summary

Streamline the Pipeline: Research Opportunities



"turn ... the heart of the children to their fathers"

ALC: N

