Using Customized Hints with the Census Tree
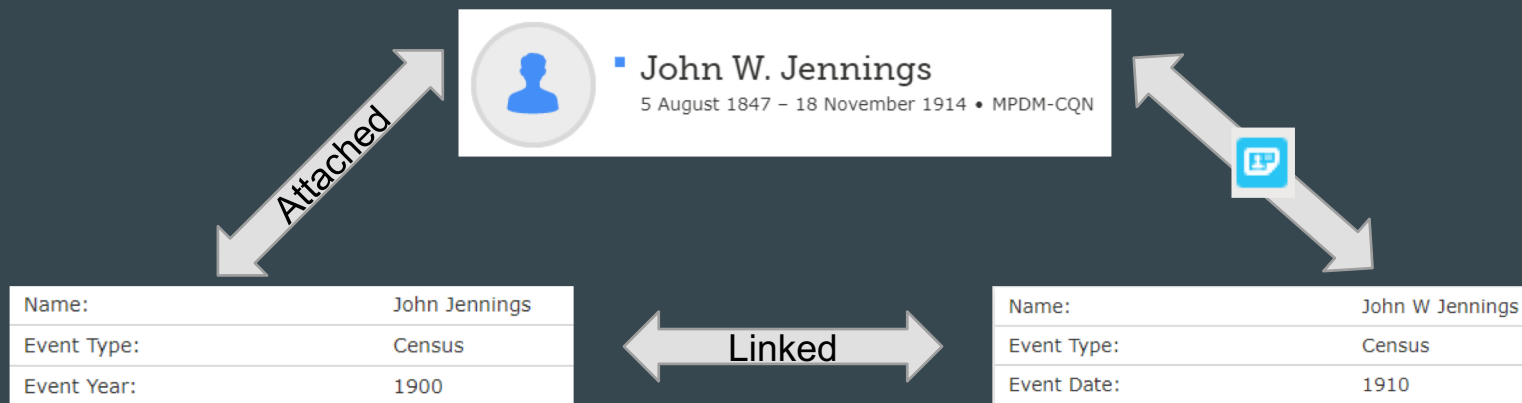
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Jacob Van Leeuwen

The Census Tree

- We use machine learning to link individuals across census records from 1900 to 1940
- We have linked 102 million of the 188 million individuals living in the US during this time
- This provides unique opportunities to find record hints and grow the FamilyTree

ark1900	ark1910	ark1920	ark1930	ark1940
MS8Q-27Q	MG6Y-8TR	MNGJ-PDG	SPWY-243	
MSJM-XNL	M5WC-NT8	MJLT-7YG	X7ZY-B74	
M91R-7Y9	MLPK-XXZ	MZSJ-J83	XQY3-76R	K42K-QN1
	MG31-PXB	MF1F-LCT	XHW5-RH4	
		MNGK-MKB		K441-53T
	MVLT-9QR	MHWH-PJZ		
M913-YZZ	MLTR-M3X			
	MLSB-S9S		X391-K8G	KW9N-VMC
M3JV-BZ6	M21J-P6B			
		MJW6-C24	XSTG-63Z	KW4Z-Q1K

Finding Record Hints

- We use the public FamilySearch API to determine if a census record is attached to a PID on the FamilyTree
- If an individual is linked to multiple records in the Census Tree but not all records are attached to a PID, we use this to create record hints
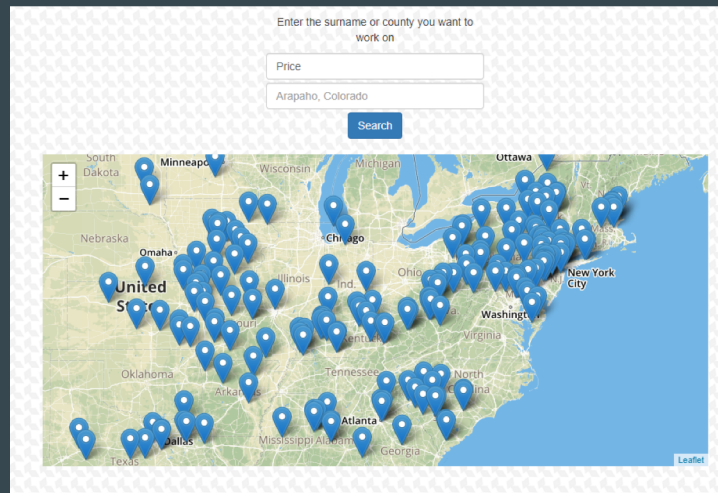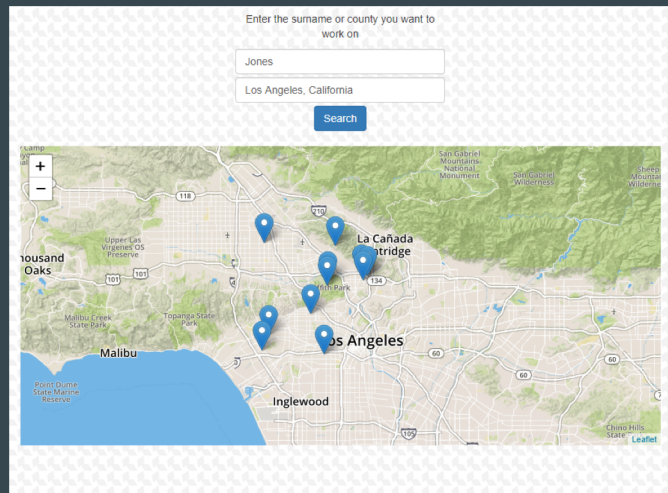
Using Customized Hints

- Community Reconstruction
  - Laredo, Texas
  - Everett, Washington
- Tree Extending Hints

Children on Record (5)		Close	Children from Family Tree (2)	Close
Viola Kunze (Daughter) 1890 -	➕ Add			Details
Myrtle Kunze (Daughter) 1897 -	➕ Add			Details
Helma Kunze (Daughter) 1899 -	➕ Add			Details
Wilhelmin Kunze (Daughter) 1902 -	🔗 Compare		Mina Maxine Kunze (Daughter) 1902-Deceased • L2JR-JPV	Details
Benjaman W Kunze (Son) 1903 -	🔗 Compare		Benjamin W Kunze (Son) 1904-Deceased • L2JR-V2K	Details

Custom Hints App

- Surname Search
- County Search
- bit.ly/custom-hints

Impact

The Customized Hints app provides users with:

- Discovery experiences
- An easy way to find sources
- A direct way to grow the FamilyTree