



The Open Source Genealogy API

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Visit <http://trepo.io> for more information

User Stories

As a User, I want to keep my private information private, work with Bob on my father's line, and let anyone see my tree starting at my grandparents.



"I like my privacy"



"You killed my father.
Prepare to die."

As a User, I want to disagree with my cousin on our Grandfather's Birth Place, but still collaborate and work with him on our genealogy.

As a Developer, I want to see the source code and extend the schema and functionality while still exchanging data with others.



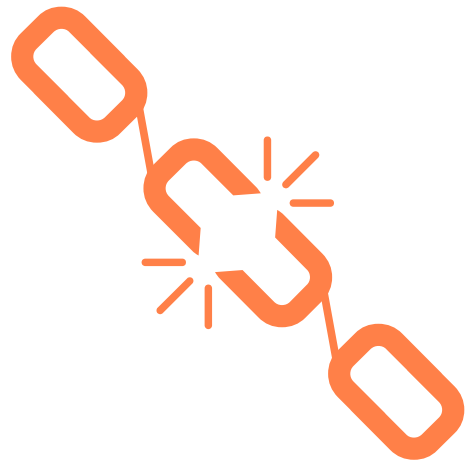
"I am a master builder"



"No soup for you!"

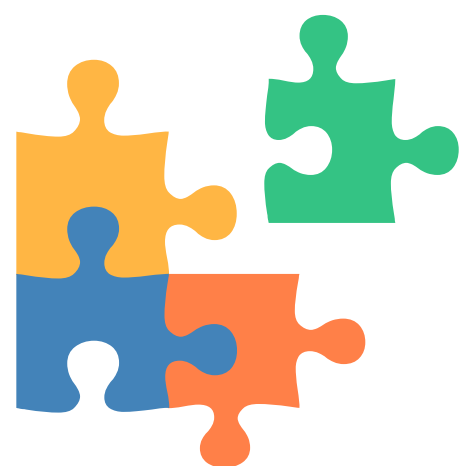
As a Developer, I want to develop on any platform, run distributed or centralized, and synchronize data changes between various instances.

Trepo is:



Open Source

Developers can see and modify the source code, add and contribute new functionality, and participate in a transparent development process.



Extensible

Store new data and build on a solid foundation by extending and customizing the data model. All without sacrificing interoperability.



Collaborative

Share data, run multiple copies, and synchronize everything back together. And even when people disagree, they can continue working together.



Language Agnostic

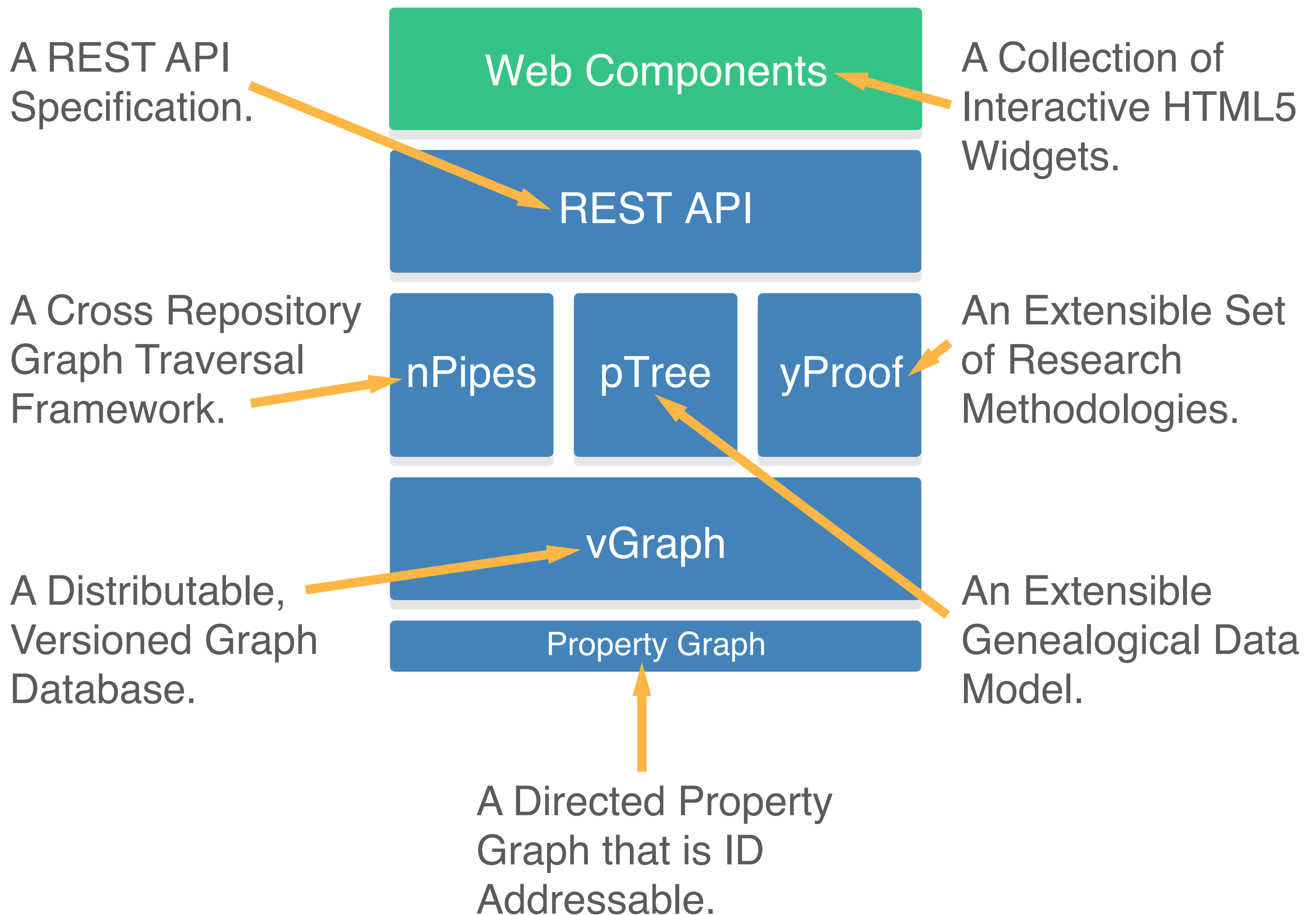
The specification can be implemented in any language. You can run Trepo on a server, on a phone, on a tablet, or installed to a desktop.



Controlable

Developers can split repositories seamlessly, run instances locally, and let people share and manage their own data.

Trepo Components



How Trepo Works

Trepo stores genealogical information in a versioned, distributable graph database. It defines synchronization mechanisms, a cross repository graph traversal framework, and extensible models for representing and storing genealogical information. All of this is wrapped in a REST API, and supplemented with a set of HTML5 Web Components.