

Donkeylift

A relational data store with the data owner in mind.

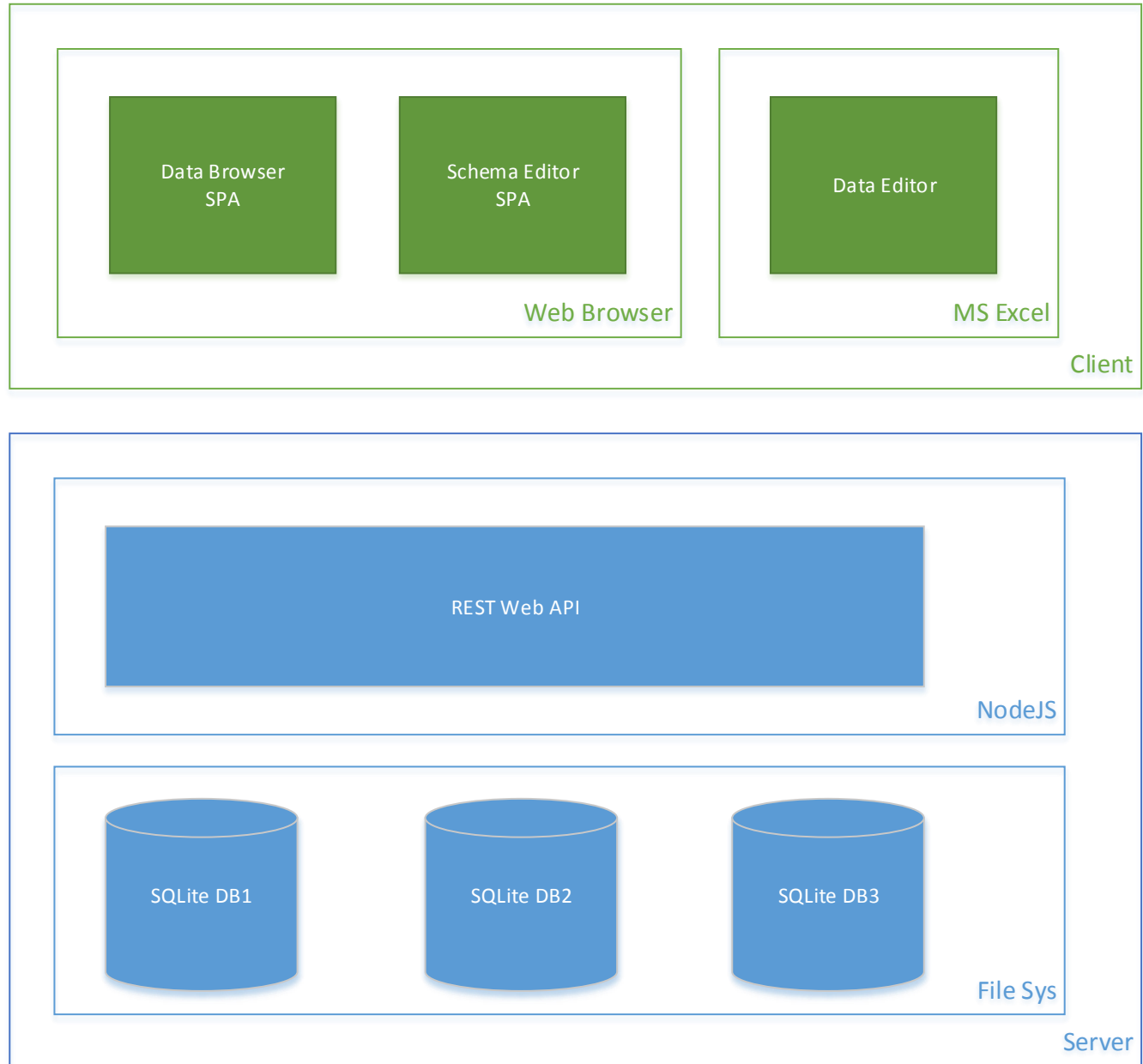
Objectives

- Provide user-friendly, feature-rich Data-as-a-Service.
- Provide a platform for application developers.
- Leverage the relational data model.
- Reduce implementation times of new databases.
- Share data management with content administrators.
- Improve overall data integrity, quality and transparency.

Scope

1. Schema Editor - web app.
2. Data Browser - web app.
3. Data Editor - Excel plugin.
4. Data Access Layer – web service.
5. Data storage –relational database (sqlite).

Architecture



Data Browser

Leverage, don't suffer the relational data model

Data Browser –Navigation

Toggle

DB sales_sandwich

Data

Schema

Downloads

Demo

DL

Tables

customers

products

orders

products_in_orders

Filters

Reset All

Show 10 entries

Search:

id	name	email	modified_by	modified_on
1	Colt Hart	eu.nibh.vulputate@semeget.net	user12	2014-12-14 02:14:42
2	Theodore Mills	ligula.Donec.luctus@Vivamusnon.org	www	2015-05-06 16:31:48
3	Rhoda Vance	diam.dictum@rutrumjustoPraesent.ca	user12	2015-08-02 12:17:28
4	Colby Clay	pharetra@porttitorinterdumSed.ca	user12	2015-01-24 05:10:37
5	Maile Torres	Sed.pharetra@nectempus.edu	user12	2015-09-13 08:22:49
6	Hanna Simpson	eu@idrisus.com	admin	2014-12-11 19:45:43
7	Adrian Dodson	Fusce@magnaPraesentinterdum.net	user12	2015-04-13 15:44:45
8	Shelly Bridges	non.justo@dictum.ca	www	2015-01-10 18:37:15
9	Yoshi Bennett	mauris@Crasconvallis.com	user12	2015-06-20 16:36:22
10	Blossom Mosley	consectetuer.ipsum.nunc@egestasblandit...	user12	2015-03-25 03:20:56

Showing 1 to 10 of 102 entries

Previous12345...11Next

Data Browser –Full text search

Toggle

DB sales_sandwich

Data

Schema

Downloads

Demo

DL

Tables

customers

products

orders

products_in_orders

Filters

Reset All

Show

10

entries

Search:

egg

id	name	price	origin	description	modified_by	modified_on
1002	Bacon, egg and cheese	8.99	United States	A breakfast sandwich, usually with fri...		
1004	Bánh mì	4.99	Vietnam	Filling is typically meat, but can con...		
1013	Breakfast roll	8.99	United Kingdom and Ireland	A convenience dish on a variety of bre...		
1014	Breakfast	9.99	United States	Typically a scrambled or fried egg, ch...		
1019	Cemita	4.99	Mexico	Sliced avocado, meat, white cheese, on...		
1031	Chivito	8.99	Uruguay	Filet mignon with mozzarella, tomatoes...		
1039	Croque-madame	7.99	France	Same as a croque-monsieur, but with a ...		
1052	Egg	9.99	Worldwide	Generic sandwich: This contains eggs, ...		
1071	Ham and egg bun	4.99	Hong Kong	Sliced Danish canned ham with sliced s...		

Data Browser – Filter by Range

Toggle DB sales_sandwich ▾ Data Schema

Tables

- customers
- products
- orders**
- products_in_orders

Filters Reset All

Show 10 ▾ entries

id	order_date	customers_ref	total_amount
551	2		69.91
330	2		90.89
261	2		49.94
627	2		44.94
262	2		22.97
579	2015-03-31	Quisque.co.uk...	41.94
339	2015-04-16	r.ipsum.nunc...	41.94
556	2015-05-29	uisqueornar...	25.96
667	2015-06-26	@nequeNullam...	45.95

Range Select

From 2015-01-01 To 2015-11-01

Reset

January 2015

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Data Browser – Filter by Item Selection

The screenshot shows a web application interface for a database named 'DB sales_sandwich'. The interface has a top navigation bar with 'Toggle', 'DB sales_sandwich', and tabs for 'Data' and 'Schema'. On the left, a 'Tables' sidebar lists 'customers', 'products' (highlighted), 'orders', and 'products_in_orders'. The main area displays a table of products with columns: id, name, price, origin, and description. A modal window is open over the table, titled 'Range' and 'Select'. It features a search input with the letter 'e', a list of search results, and a 'Selected' list. The search results include 'Bacon, egg and cheese', 'Egg', 'Elvis sandwich' (highlighted), and 'Ham and egg bun'. The 'Selected' list contains 'Bacon, egg and cheese' and 'Elvis sandwich'. A 'Reset' button is at the bottom right of the modal.

Toggle DB sales_sandwich Data Schema

Tables

- customers
- products**
- orders
- products_in_orders

Filters Reset All

Show 10 entries

id	name	price	origin	description
1002	B			st sandwich, usually with fri...
1051	E			utter, banana, and bacon

Showing 1 to 2

Range **Select**

Search e

Selected

- Bacon, egg and cheese
- Elvis sandwich

Reset

Data Browser – Filter Composition

The screenshot shows a web application interface for a database named 'DB sales_sandwich'. The main view displays a table of products with columns for ID, Name, Price, Origin, and Description. A modal window titled 'Active Filters' is open, showing a list of active filters and a Data URL.

Active Filters

Table	Field	Action	Value
orders	order_date	between	2015-01-01 and 2015-11-30
products	origin	in	United States
products	price	between	7.99 and 9.99

Data URL:

`http://api.donkeylift.com/demo/sales_sandwich/products.rows?$filter=orders.order_da`

Close

The background interface includes a sidebar with a 'Tables' section listing 'customers', 'products', 'orders', and 'products_in_orders'. The 'products' table is selected. The main table shows 10 entries, with the first 5 rows filtered out. The footer indicates 'Showing 1 to 10 of 26 entries (filtered from 174 total entries)' and includes pagination controls.