# Re:Flex Toolbar - an extensible system for exploring social translucence



### Overview

The Re:Flex toolbar is a plugin framework that enables users to analyze data on Wikipedia.

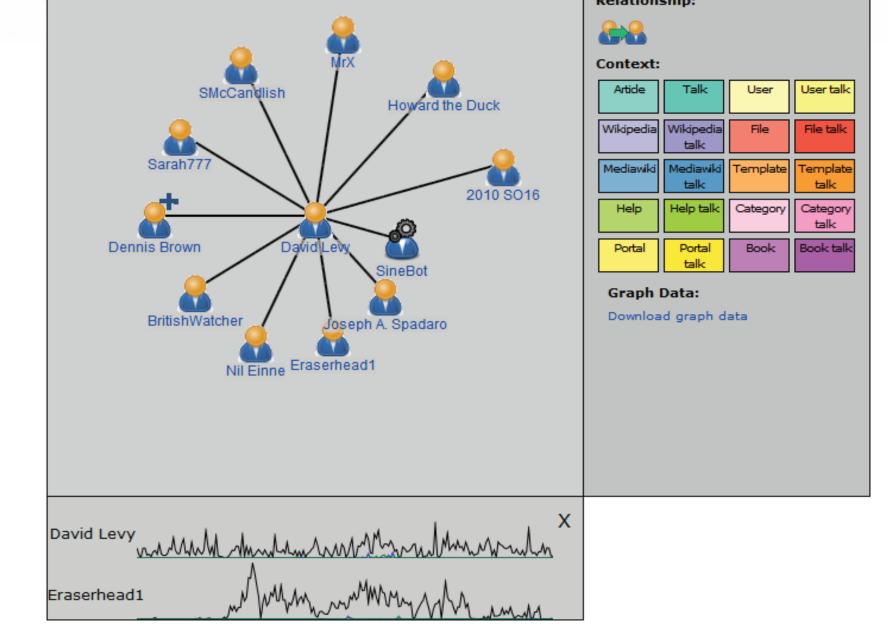
### Motivation

**Re:Flex was created to** allow users to **explore** the social behavior **behind Wikipedia** and to quickly display useful information that is otherwise scattered amongst millions of Wikipedia pages. Such explorations enable toolbar users to arrive at deeper understandings about relationships within the social media system.

n n	Configure toolbar	Top Editors	2	Trigger plugin	Q
の能	Activate the plugins you wish to use. The	List Settings		Every plugin is different! Some, like	
Wiki	pragins can generate graphs, ist a pages	David Levy (12)		the user-visualizations, are triggered	
The Free E	top aditors control alabel cottings and	Edokter (10) The Blade of t (5)		when you hover over a username.	
Main page	THOLE. TOU CALLWEAK EACH DIUGHT'S SELLINGS	Ged UK (4) Ryan Kaldari (3)		Others, like Re:Dash, are triggered	
Contents	in the toolbar to give you the desired	Rich Farmbrou <sub>(3)</sub>	n the news	right when they are activated. Each	
Featured co Current eve	results.	Happy-melon (2) HJ Mitchell (2)	The Union (	time vou hover over a username, a	-
Random ar	rations, and his wartime service and subsequents and the service and the servi	^demon (2)	<ul> <li>Bollywood fi</li> </ul>	new visualization will be generated.	200
Donate to Win Wikipedia Sho	as a journalist provided much of the background, detail and depth of the James Bond novels. Fleming wrot	Preilly (2)	Guillaume, I		22-
✓ Interaction	Bond novel, Casino Royale, in 1952. It was a success, and eleven Bond novels and two short-story collection between 1953 and 1966. The novels revolved around James Bond, an officer in the British Secret Service. T	be Bond	Stéphanie d		
Help	stories rank among the best-selling series of fictional books of all time, having sold over 100 million copies. F	leming's		telligence chief Wissam al-Hassan is assassinated in a car bomb eirut that kills eight people and injures more than 100 others.	
About Wikip Community		n, Skyfall, is	The discove	ery of an Earth-sized planet in Alpha Centauri, the star system closest t	to Earth, is
Recent	David Levy		David Levy	— More current	events
	e:Fe? Time Frame: Legend 1 Time Frame: 01/20/2009 - 01/20/2013 Archive - By email - More features	e:Flex		Graph Legend 01/20/2009 → 01/20/2013	
Toolbox	Max interactions:	WikiPro	of_Style	Max interactions: 11	
► Print/ex	Relationship:	lect Ine	anual_o	Relationship:	

### Inspiration

Our team is inspired by social translucence and its potential application to social media systems like Wikipedia. We've tackled some technical problems behind organizing all the available data within the system into an accessible



## View relationships

visualizations contain the selected editor's The username, a summary of the graph settings, and the graph itself. These two types of graphs allow you to explore the articles an editor edits most frequently, or the people an editor co-edits with most often. It is possible to generate multiple graphs on a given Wikipedia page, supporting cross comparisons of editors over different relationships, contexts, and time periods. With our edge-interaction sparkline, compare co-edits between multiple editors to observe how they edit with each other over time.

Article Edits 01/20/2004

Total: 1563 Max: 47

)da Mari(88

Barek(37) Myasuda(31)

ClueBot NG(63) antresman(54)

indmatrix(44)

Kurosuke88(28)

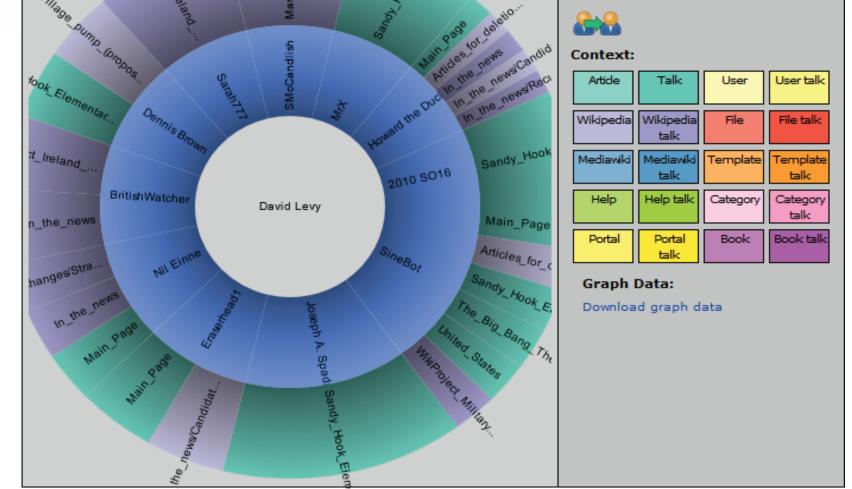
99.56.240.172(16)

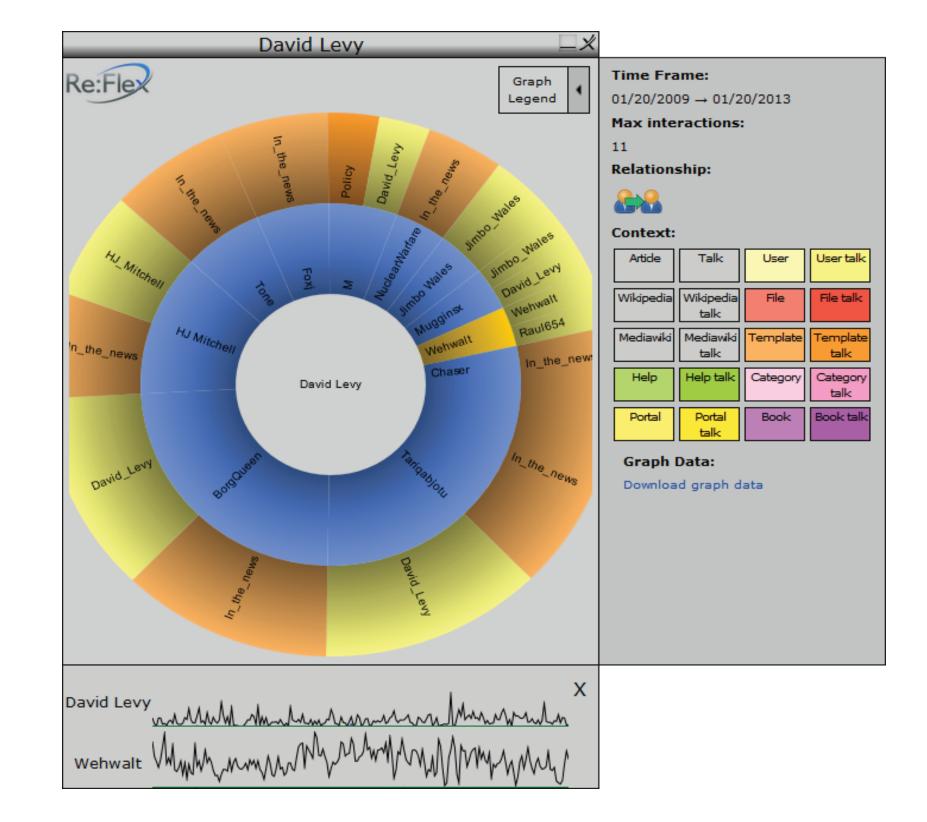
ClueBot(24)

hoenix7777(40)

Talk Edits

Re:Dash





#### format.

#### Benefits

Re:Flex aims to be beneficial to all users of Wikipedia, from avid editors to occasional browsers. Re:Flex will be released as a **free service**, and we will encourage developers to create their own plugins.

## View edits

One of the existing plugins is Re:Dash, which allows users to view a page's top editors and the dates within the selected time period that each of their edits took place. Re:Dash is constantly evolving, and soon users will be able to view each node's edit data and whether or not an edit was reverted. This remains true to the project's goal of translucence by revealing aspects of an editor's behavior.

Dylan Bussone, Scott Kuehnert, David McDonald, Mark Zachry, Michael Gilbert





01/20/2013

