

#### Technology Leaders Establish the AllSeen Alliance to Advance the 'Internet of Everything'

By Linux\_Foundation - December 10, 2013 - 3:55am

Haier, LG Electronics, Panasonic, Qualcomm, Sharp, Silicon Image, TP-LINK and more unite to enable interoperability across multiple devices, systems and services and support broadest cross-industry effort to accelerate Internet of Everything

SAN FRANCISCO, December 10, 2013 – The Linux Foundation, the nonprofit organization dedicated to accelerating the growth of Linux and collaborative development, today announced the formation of the AllSeen Alliance, the broadest cross-industry consortium to date to advance adoption and innovation in the "Internet of Everything" in homes and industry.

The Internet of Everything is based on the idea that devices, objects and systems can be connected in simple, transparent ways to enable seamless sharing of information and coordinated and intelligent operations across all of them. As no single company can accomplish the level of interoperability required to support the Internet of Everything and address everyday, real-life scenarios, a united, pan-industry effort is needed to deliver new experiences to consumers and businesses.

The AllSeen Alliance looks to expand upon the "Internet of Things," which Gartner predicts will add \$1.9 trillion to the global economy by 2020, to include more functionality and interactions across various brands and sectors, such as the connected home, healthcare, education, automotive and enterprise.

Founding members of the AllSeen Alliance include some of the world's leading, consumer electronics manufacturers, home appliances manufacturers, service providers, retailers, enterprise technology companies, innovative startups, and chipset manufacturers. Premier level members include Haier, LG Electronics, Panasonic, Qualcomm, Sharp, Silicon Image and TP-LINK. Community members include Canary, Cisco, D-Link, doubleTwist, Fon, Harman, HTC, Letv, LIFX, Lite-on, Moxtreme, Musaic, Sears Brand Management Corporation, Sproutling, The Sprosty Network, Weaved and Wilocity.

"Open source software and collaborative development have been proven to accelerate technology innovation in markets where major transformation is underway," said Jim Zemlin, executive director at The Linux Foundation. "Nowhere is this more evident today than in the consumer, industrial and embedded industries where connected devices, systems and services are generating a new level of intelligence in the way we and our systems interact. The AllSeen Alliance represents an unprecedented opportunity to advance the Internet of Everything for both home and industry. We are very happy to host and help guide this work."

The members of the AllSeen Alliance will contribute software and engineering resources as part of their collaboration on an open software framework that enables hardware manufacturers, service providers and software developers to create interoperable devices and services. This open source framework allows ad hoc systems to seamlessly discover, dynamically connect and interact with nearby products regardless of brand, transport layer, platform or operating system.

The initial framework is based on the AllJoyn™ open source project, which was originally developed by and is being contributed to the Alliance by Qualcomm Innovation Center, Inc. (a subsidiary of Qualcomm Incorporated), and will be expanded with contributions from member companies and the open source community. Products, applications and services created with the AllJoyn open source project can communicate over various transport layers, such as Wi-Fi, power line or Ethernet, regardless of manufacturer or operating system and without the need for Internet access. The software runs on popular platforms such as Linux and the Linux-based Android, iOS, and Windows, including embedded variants. The initial codebase is available on the website for developers to access and begin evaluating at <a href="http://www.allseenalliance.org">http://www.allseenalliance.org</a> (<a href="http://www.allseenalliance.org">http://www.allseenalliance.org</a>)

As an example of the greater intelligence and interoperability made possible with the framework as the common language among the devices and services, a family that installs a smart lock built with the framework for their front door will seamlessly be able to connect it to smart lights that also use the framework and security cameras from other manufacturers. Unauthorized entries can trigger the lights to flash and the camera to take a photo of the intruder and send a notification and picture to the smart TV. At the other end of the spectrum, factory floors – evolving environments with systems that need to adjust dynamically – can benefit from the framework's ability to enable a self-aware network that can constantly learn what new equipment has been added and what capabilities or interfaces that equipment has so that it can immediately begin playing its part in the manufacturing process.

The AllSeen Alliance becomes the 11th Linux Foundation Collaborative Project. These are independently funded software projects that harness the power of collaborative development to fuel innovation across industries and ecosystems. By spreading the collaborative DNA of the largest collaborative software development project in history, The Linux Foundation provides the essential collaborative and organizational framework so project hosts can focus on innovation and results. Linux Foundation Collaborative Projects span the enterprise, mobile, embedded and life sciences markets and are backed by many of the largest names in technology. For more information about Collaborative Projects, please visit: http://collabprojects.linuxfoundation.org/

Supporting Comments from Premier Members

#### Haier

"The AllSeen Alliance is poised to unleash limitless possibilities for interactions across devices, objects and systems and larger market opportunities for developers and manufacturers," said Guodong XUE, Director of Standard and Patent department, Haier. "We are planning to implement the AllJoyn-based framework across our line of appliances and look to advance technologies that transform consumer experiences."

#### **LG Electronics**

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"The AllSeen Alliance will foster a vibrant ecosystem of developers and hardware makers who will together bring consumers practical and useful solutions using the communication between different devices in the home, spanning from audio and video devices, appliances, mobile phones, tablets, and others," said Richard Choi, Head of the Smart Business Center at LG Electronics. "This can range from simply being able to connect your home speaker to your mobile device or can be as sophisticated as controlling your entire home through your smart TV. We look forward to providing further value to consumers by leveraging our participation in the Alliance to develop innovative connectivity services for users."

#### **Panasonic**

"Open source software and collaboration are well-known for fostering innovation. We are eager to apply these principles to moving the market forward for the Internet of Everything," said Mamoru Yoshida, Managing Director, Panasonic. "The AllSeen Alliance's collaboration will address the immediate needs of the market while creating the necessary foundation for new opportunities that will advance the market."

#### Qualcomm

"Today's announcement represents the logical next step for broad adoption of a common software and services framework that will foster a dynamic ecosystem, helping to unlock the promise of the Internet of Everything. It was just this sort of collaborative approach we envisioned when Qualcomm Innovation Center first developed AllJoyn and made it available to the open source community," said Rob Chandhok, president, Qualcomm Connected Experiences. "The direct peer interactions that the AllJoyn-based framework enables will greatly enrich user experiences. We envision that users will be able to add the benefits of 'the Internet of Things near me' to the cloud-based services they already enjoy."

#### Sharp

"The AllSeen Alliance is an industry collaboration that will deliver a common platform for interoperability among appliance, devices and more. The result will be new, innovative experiences for consumers in their homes," said Fujikazu Nakayama, Senior Executive Managing Officer, Sharp Corporation. "Open and collaborative software development will unlock this promise and help us together achieve expansion of the market."

#### Silicon Image

"As the number of screens in the home and office grows, so must the ability for devices and services to discover, connect and interact," said David Pederson, Vice President, Standards and Corporate Marketing, Silicon Image. "The goal of the technical collaboration of the AllSeen Alliance is to support seamless connectivity and, as a result, the market for consumer devices, apps and services should grow for all."

#### TP-LINK

"The AllSeen Alliance shows great promise for making the promise of the Internet of Everything a reality. With companies and organizations from across industries participating in this collaboration, interoperability among devices and things is closer than ever," said Wei Chen, Product Manager of Mobile Internet, TP-LINK. "We manufacturer a wide variety of computer networking products, such as WiFI routers, and the connected smart home is a strategic focus for us. The AllSeen Alliance and the AllJoyn open source project are key elements of this strategy."

For more information and to see the complete membership roster, please visit: <a href="http://www.allseenalliance.org">http://www.allseenalliance.org</a> (<a href="http://www.allseenalliance.org">ht

#### About The AllSeen Alliance

The AllSeen Alliance is a nonprofit consortium dedicated to driving the widespread adoption of products, systems and services that support the Internet of Everything with an open, universal development framework that is supported by a vibrant ecosystem and thriving technical community. The Alliance hosts and advances an industry-supported open software connectivity and services framework based on AllJoyn technology with contributions from premier level members Haier, LG Electronics, Panasonic, Qualcomm, Sharp, Silicon Image and TP-LINK; and community members Canary, Cisco, D-Link, doubleTwist, Fon, Harman, HTC, Letv, LIFX, Lite-on, Moxtreme, Musaic, Sears Brand Management Corporation, Sproutling, The Sprosty Network, Weaved and Wilocity, as well as the open source community. This secure and programmable software connectivity and services framework enables companies and individuals to create interoperable products that can discover, connect and interact directly with other nearby devices, systems and services regardless of transport layer, device type, platform, operating system or brand. For more information, please visit: <a href="http://www.allseenalliance.org">http://www.allseenalliance.org</a> (http://www.allseenalliance.org</a> (http://www.allseenalliance.org</a>

#### About The Linux Foundation

The Linux Foundation is a nonprofit consortium dedicated to fostering the growth of Linux and collaborative software development. Founded in 2000, the organization sponsors the work of Linux creator Linus Torvalds and promotes, protects and advances the Linux operating system and collaborative software development by marshaling the resources of its members and the open source community. The Linux Foundation provides a neutral forum for collaboration and education by hosting Collaborative Projects, Linux conferences, including LinuxCon, and generating original research and content that advances the understanding of Linux and collaborative software development. More information can be found at <a href="https://www.linuxfoundation.org/">www.linuxfoundation.org/</a> (http://www.linuxfoundation.org/).

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#### **■** Working Groups

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- Internet of Things
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**Forum**: Eclipse Platform «» **Posted on**: Tue, 03 March 2015 15:11 «» **By:** Harshini Garikiparthi Re: Creating application under UI test

1 Hello, I am trying to impart SWTBot on my RCP application but it throws the following error !ENTRY org.eclipse.emf.ecp.emfstore.core 1 0 2015-03-03 00:39:53.317 !MESSAGE EMFStoreProvider received CREATE for ECPRepositoryImpl test server fusemaster !...

Forum: <u>SWTBot</u> «» **Posted on**: Tue, 03 March 2015 09:42 «» **By:** <u>Harshini Garikiparthi SWTBot on RCP</u>

**2** Hi, I am trying to impart SWTbot on my RCP application , tried to add required plugins on the run configuration and when i run the test the following error comes up , !ENTRY org.eclipse.emf.ecp.emfstore.core 1 0 2015-03-03 00:39:53.317 !MESSAGE EMFSto...

Forum: EMF "Technology" (Ecore Tools, EMFatic, etc) «» Posted on: Fri, 24 October 2014 09:28 «» By: Edgar Mueller

3 Re: [EMFStore] [ECP] Add user via UI gives exception in 1.4 Hi Pouya, Thanks for spotting this! I've opened a BR, please see https://bugs.eclipse.org

/bugs/show\_bug.cgi?id=448606. This will be fixed in the upcoming version. Cheers, Edgar Am 22.10.2014 01:58, schrieb Pouya Bozorgmehr: > Hi, > &g...

Forum: EMF "Technology" (Ecore Tools, EMFatic, etc) «» Posted on: Tue, 14 October 2014 02:45 «» By: Roza Ghamari

[EMFStore] [ECP] Problem in deleting project

I use the ecp and emfstore api's to delete a local project. My code is: ECPProject prj = ECPUtil.getECPProjectManager().getProject(TAG\_PRJ\_NAME); if (prj!= null) prj.delete(); tagProject.delete(new ESSystemOutProgressMonitor()); This pro...

**Forum**: TMF (Xtext) «» **Posted on**: Mon, 29 September 2014 08:32 «» **By:** Sebastian Zarnekow Re: Possible to suppress UI elements in Xtext for batch mode execution of xtext?

5 Hi Rohit, if you run within Eclipse / Equinox, you have to be very careful to not use a second Injector besides the one that is part of the UI plugin. Please note that the UI plugin - even though it is called UI plugin - does not necessarily need ...

Forum: <u>TMF (Xtext)</u> «» **Posted on**: Thu, 25 September 2014 07:11 «» **By:** <u>rohit ahuja</u> Possible to suppress UI elements in Xtext for batch mode execution of xtext?

6 Hi All, I have a xtext based grammar, that I want to use in batch mode in Linux. The problem i am facing is that if the DISPLAY is not set, the grammar fails giving exceptions for NoClassDefFoundErr on some UI plugins. I would want to have no depend...

Forum: Jobs and employment «» Posted on: Wed, 02 July 2014 22:50 «» By: Roza Ghamari

7 Re: Hiring consultant proficient in Eclipse technologies

Could you please send me your resume at rghamari AT qti DOT Qualcomm DOT com? Thanks, Roza

**Forum**: EMF "Technology" (Ecore Tools, EMFatic, etc) «» **Posted on**: Wed, 02 July 2014 16:35 «» **By:** Martin Taal Re: [Teneo] Teneo ignores mappedBy in OneToMany and created ForeignKey

8 Hi Roza, Have you tried without mappedBy? As there is an eopposite it is possible that Teneo will detect this automatically. Another thing you can try is to use a @JoinColumn annotation on the OneToMany side. gr. Martin On 02-07-14 01:50, Roza Gha...

Forum: EMF "Technology" (Ecore Tools, EMFatic, etc) «» Posted on: Tue, 01 July 2014 23:50 «» By: Roza Ghamari

[Teneo] Teneo ignores mappedBy in OneToMany and created ForeignKey

I am trying to follow this example and create a many to many relation in model in a separate table with composite key and additional columns using Teneo. My model is in hibernate and this is what the ecore file like for the part of model: <?xml versi...

**Forum**: <u>Jobs and employment</u> «» **Posted on**: Tue, 01 July 2014 19:48 «» **By:** <u>Annamalai Chockalingam</u> Re: Hiring consultant proficient in Eclipse technologies

10 Hi Roza This is Annamalai here, an Eclipse Evangelist & Consultant who worked under the brand ANCIT CONSULTING from Bangalore, India. You may visit my website to under about my work and clientele by visiting www.ancitconsulting.com Do let m...

Forum: Jobs and employment «» Posted on: Tue, 01 July 2014 18:10 «» By: Roza Ghamari Qualcomm Hiring consultant proficient in Eclipse technologies, CA

11 Our team at Qualcomm Tech. Inc. is looking for hiring a consultant ASAP. The required skills are: - High-level familiarity with Eclipse RCP, EMF and SWT/JFace - Knowledge of CDO - Knowledge of Teneo/Hibernate - Knowledge of EMFStore - Knowledge of ...

Forum: <u>DSDP - Target Management</u> «» **Posted on**: Thu, 22 July 2010 08:29 «» **By:** <u>Dmitry Smirnov</u> Eclipse hang up. Suspecting RSE...

12 Hi, I had encountered the situation when eclipse hangs up when starting. I was playing with creating projects using RSE. I had tried to create couple projects and since this creation took a long time (to syncronize, i suppose) I had aborted the proce...

Forum: DSDP - Mobile Tools for Java (MTJ) «» Posted on: Wed, 13 May 2009 23:58 «» By: Eclipse User

13 Re: Project Referencing another project

Originally posted by: wruotsi.qualcomm.com Wendell <a href="mailto:wruotsi@qualcomm.com">wrote in</a>

news:Xns9C0A9685223CCwruotsidontcallitart@206.191.52.34: >> In 1.0M7 this appears to have broken? I've got existing projects with > the expo...

Forum: <u>DSDP - Mobile Tools for Java (MTJ)</u> «» **Posted on**: Wed, 13 May 2009 21:47 «» **By:** Eclipse User Re: Project Referencing another project

14 Originally posted by: wruotsi.qualcomm.com mordan9@hotmail.com (Charles-Philip Bentley) wrote in news:d89879340c9c08baba85dcfb18108bfc\$1@www.eclipse.org: > no. I did not. >> now It works when I check the library project in Order...

Forum: <u>C / C++ IDE (CDT)</u> «» **Posted on**: Tue, 22 July 2008 21:22 «» **By:** Eclipse User debugging/runing own .dll from external exe

15 Originally posted by: zaz.alum.com Hi there, Im working with VS for do some BREW development. Currently Im in a search for use other tools for development. So, what we need? 1- Generate a .dll - DONE (using myngw) 2- Run the dll within the emula...

Forum: COSMOS «» Posted on: Fri, 27 June 2008 01:00 «» By: Nithya help with MDR creation

16 Hello Ali, Thank you so much for your help, we were able to successfully create a CMDBf layer on our mdr using COSMOS framework. Now we can send a CMDBf query to our MDR and get back the correct CMDBf query result. We now want to use COSMOS fram...

**Forum**: COSMOS «» **Posted on**: Fri, 27 June 2008 01:00 «» **By:** Nithya help with MDR creation

17 Hello Ali, Thank you so much for your help, we were able to successfully create a CMDBf layer on our mdr using COSMOS framework. Now we can send a CMDBf query to our MDR and get back the correct CMDBf query result. We now want to use COSMOS fram...

**Forum**: COSMOS «» **Posted on**: Thu, 01 May 2008 15:18 «» **By:** No real name Developing a Custom MDR - Posting on behalf of "Pathuri, Hanu"

18 Hi Hanu, a) IItemConstraintHandler is a generic interface used for all constraints associated with item templates (e.g. instance id handler, record type handler, and etc...). If you look at org.eclipse.cosmos.samples.cmdbf.services.query.ItemInst...

**Forum**: COSMOS «» **Posted on**: Thu, 01 May 2008 15:18 «» **By:** No real name Developing a Custom MDR - Posting on behalf of "Pathuri, Hanu"

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**Forum**: Newcomers «» **Posted on**: Thu, 07 December 2006 02:49 «» **By:** Eclipse User Breakpoints not recognized, or hang

**20** Originally posted by: acarey.qualcomm.com In my C++ project, when I enable breakpoints, one of two things happens: 1. The breakpoint is ignored, or 2. The breakpoint is triggered, and the Eclipse IDE hangs (must be killed manually through Taskba...

Forum: Newcomers «» Posted on: Wed, 05 April 2006 12:07 «» By: Eclipse User Command line build?

Originally posted by: mtebeka.qualcomm.com Hello All, Is there a plugin that allows to build an Eclipse project (IBM RAD actually) from a script? If not is there a way to export a project to an Ant/Maven build file? Thanks, Miki

Forum: <u>C / C++ IDE (CDT)</u> «» **Posted on**: Wed, 22 June 2005 16:14 «» **By:** <u>Manuel Ruiz Sierra</u> BREW development

Does anybody have any experience using eclipse + cdt to develop BREW (http://brew.qualcomm.com) applications? Is there a Howto? Thanks in advance.

Forum: <u>Java Development Tools (JDT)</u> «» **Posted on**: Wed, <u>17 November 2004</u> 19:43 «» **By:** Eclipse User Re: Java properties file not being copied to output folder

Originally posted by: leewils.qualcomm.com I don't have a build.properties file there. Everything is controlled by the Eclipse project. Here's what I've tried: 1. Project Properties... -> Java Build Path section -> Source tab: the source f...

**Forum**: <u>Java Development Tools (JDT)</u> «» **Posted on**: Wed, 17 November 2004 00:44 «» **By:** Eclipse User <u>Java properties file not being copied to output folder</u>

**24** Originally posted by: leewils.qualcomm.com I have a Java project with separate source and output folders. I have a resource bundle "ApplicationResources.properties" in a package in the source tree, call it "com.mycompany.myproject.reso...

Forum: <u>Java Development Tools (JDT)</u> «» **Posted on**: Wed, 28 May 2003 00:21 «» **By:** Eclipse User exporting to jar, include library from build path

25 Originally posted by: rmaker.qualcomm.com I am wondering how you can bundle a project, and all the jars on it's build path together into one jar. I can export my project minus the jars on it's build path, but that isn't a help. I know JBuilder does th...

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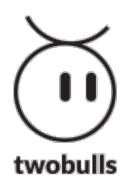
































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# Timeline: IBM plots digital control with federal judges; steals inventions

IBM and James P. Chandler (Harvard Law) are the original "patent trolls" using IBM "junk" patents; founded *The Eclipse Foundation* to feed Leader Technologies' social networking invention to fellow Harvardians, including Facebook's venture capitalist; Kappos, Holder and Obama are Chandler/Dimon landogs

Year	Leader Technologies	Chandler / Fenwick	IBM	The Eclipse Foundation	Judiciary	Facebook
		Professory James F. Consider, III  A B C DEF G H	Performance County, III  A B C D E F G H I I I I I I I I I I I I I I I I I I			The life is the state of the st
Detail:	<b>Leader Technologies, Inc.</b> , OH www.leader.com; inventor of social networking	L/R: James P. Chandler, III, The Chandler Law Firm Chartered; President, National Intellectual Property Law Institute www.nipli.org, Harvard Law professor; Gordon K. Davidson, Fenwick & West LIP, Mountain View, CA; both Chandler and Davidson/Fenwick were former Leader Technologies counsel	L/R: James P. Chandler, III; David J. Kappos, former IBM Chief Intellectual Property Counsel, Director U.S. Patent & Trademark Office	The Eclipse Foundation, founded by IBM, Kappos, Chandler, Holder, Fenwick on Nov. 29, 2001 http://www.eclipse.org; L/R/T/B: James P. Chandler, Eric H. Holder, Jr., David J. Kappos, Jamie Dimon, JPMorgan Chase, Barack Obama	U.S. Justice Department; federal courts; U.S. Patent Office administrative patent judges, U.S. Department of Commerce www.uscourts.gov, www.justice.gov, www.commerce.gov, www.oge.gov; L/R/T/B: Eric H. Holder, Jr., Leonard P. Stark, Stephen C. Siu, John G. Roberts, Jr., Alan D. Lourie, Kimberly A. Moore, Evan J. Wallach	Facebook, Inc., Menlo Park, CA www.facebook.com; L/ James W. Breyer, Accel Partners LIP, largest Facebook shareholder, former chairman; Lawrence "Larry" Summers, former World Bank chief economist, U.S. Treasury Secretary, Obama bank "bailout" chief; Harvai president and Mark E. Zuckerberg's Harvard Crimson press agent; Jamie Dimon, JPMorgan Chase, Facebook underwriter
1999		Chandler, Kappos promoted \$1.5B men singlehandedly gave birth to the infringers		iensing of "junk patents" - these two to the opposite spin from big		
2000	Leader engaged James P. Chandler as legal counsel, May 5	Chandler advised IBM, Kappos, Holder, Justice, White House				
2001	Leader engaged Fenwick & West LLP, Gordon K. Davidson as legal counsel, Aug 6	Chandler used Leader to introduce invention to WPAFB, LLNL, Univ. of Calif., Battelle, USG, Boston Scientific; Chandler secretly joins Eurotech, Ltd. board of directors; failed to seek conflicts waiver from Leader		Founded Nov. 29 by IBM, Kappos, Chandler, Fenwick and clients	Altered mutual fund disclosure advisory; created dubious excuse to hide "dark pool" investments in deep-pocket litigants called "safe harbor," Mar. 14	
2002	Chandler filed patents, copyrights for Leader, Dec. 11		"Eclipse 2.0 was based primarily o company. The Board would like t difficulty with SWING (Leader Tec difficult to make conversion to SW	o see more contributions hnologies' invention approach). It is		Mark Zuckerberg is 17-years old
2003			no "clear vision currently only code changes] Eclipse is percei	IBM committers [to the source ived as dominated by IBM now		
2004		various Eclipse Foundation members whom they also	· · ·	LEGAL SOPHISTRY TO OBSCURE THEFT: "But not unexpectedly the Foundation has been <u>unable to</u> locate each and every contributor will require us to re- implement functionality for		Facebook started, Feb. 4; James W. Breyer, Accel Partners L.P. appointed chairman of National Venture Capital Association (NCVA) with Fidelity, T. Rowe Price and Vanguard principals
2005		represented; failed to seek conflicts waiver from Leader		Eclipse Public License ," Dec. 4		(created "dark pools"); invested Facebook, becomes Facebook chairman  Breyer and Zuckerberg solicited Stanford students to write apps, Oct. 26; Marc Andreessen filed social patents, properly identified Leader as prior art at Examiner's insistence; Andreessen became Facebook director
2006	Leader awarded U.S. Pat. No. 7,139,761, Nov. 21					
2007		Fenwick filed Facebook patents; failed to seek conflicts waiver from Leader; failed to disclose Leader prior art		Eclipse awarded JPMorgan "Best Deployment of Eclipse technology in an enterprise" at ECLIPSECON, Mar. 6		Barack Obama announced candidacy on Facebook, Feb 10
2008	Leader sues Facebook for patent infringement, Nov. 19	Fenwick filed Facebook SEC exemption; failed to seek conflicts waiver from Leader		191 Eclipse members, Sep. 9	SEC Chair Mary L. Schapiro promised to crack down on "dark pools" while holding over 50 Facebook "dark pools"	Unprecedented SEC exemption for Facebook "dark pools," Oct. 14
2009			IBM's Kappos appointed Patent Office Director; invests in Facebook "dark pools," Aug. 13			Jun. 03: Facebook joined NSA PRISM
2010	Leader v. Facebook trial, Jul. 19-28 split verdict				Obama judge nominee Leonard P. Stark replaced veteran Joseph J. Farnan three weeks before trial, Jun 24; Stark fabricated "on-sale bar" evidence; failed to perform legal Pfaff and Group One legal tests; failed to disclose Facebook 6,869 "dark pool" financial holdings and Cooley Godward LLP relationships	Mar. 09: Facebook lost Leader v. Facebook Markman Hearing; Ma 10: David J. Kappos / USPTO start Facebook page; Kappos failed to disclose his 13 Facebook "dark pools" financial interests
2011			Eclipse provided MQTT messaging Eurotech, Nov. 03	software to Facebook with IBM and		
2012	' '	May 19; failed to disclose Leader conflicts	Annual Report: "IBM helped open platforms such as Linux, Eclipse and Apache become standards with vital industry ecosystems, and then we developed high-value business on top of them "; sold 750 "junk" patents to Facebook		J. Wallach failed to disclose personal Facebook "dark pools" financial holdings and Gibson  Dunn LLP relationships—Lourie (24 pools), Moore (16 pools), Wallach (11 pools) judges ignore discovery of Zuckerberg's 28 "lost" hard drives	pools"; magically rediscover 28 Zuckerberg "lost" Harvard hard drives; Kappos assigns IBM cronic
2013				Jamie Dimon, JPMorgan secret set over 2008 mortgage crisis; no indic	tments, Sep. 26	
2014	U.S. Supreme Court refused to hear Leader Petition for Writ of Certiorari, Jan. 7		IBM pushes "The Internet of Things" embedded systems globally		U.S. Supreme Court Chief Justice Jo petition, Jan 7; failed to disclose 18 financial holdings and Gibson Dunn	37 personal Facebook "dark pools"
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  - 23 Strategic Members
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