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GoldBug - Encrypted Communications

Chat Messenger. E-Mail-Client. Websearch. Filetransfer. Since 2013.

Brought to you by: berndhs, mikeweber

release-history

Authors:

**VERSION	DATE	NAME	DESCRIPTION
GoldBug V 2022.04.20_5.9	2022-04-20	Library-Update-Release	Library Updates.
GoldBug V 2022.01.01_5.8	2022-01-01	McEliece-only-on-Linux-Release	Removed McEliece support from the Windows build as the NTL library is not stable for Win.
GoldBug V 2021.08.19_5.7	2021-08-19	Server-less-P2P-Release	Server-less TCP connections. SSL/TLS supported.
GoldBug V 2021.06.06_5.6	2021-06-06	Multi-GPG-Release	Multiple private GPG personalities.
GoldBug V	2021-	Speedier-Compilations-Release	Replaced ordered directive in project files for speedier

2021.04.25_5.5	05-35		compilations.
GoldBug V 2021.03.15_5.4	2021-03-15	Kernel-Wizard-Release	Activate kernel in a wizardly fashion.
GoldBug V 2021.01.15_5.3	2021-01-15	Themes-Release	Themes for the GUI.
GoldBug V 2020.11.25_5.2	2020-11-25	Smoke-Android -Messenger Integration-Release	Smoke-Integration-Release (Buzz).
GoldBug V 2020.05.19_5.1	2020-08-19	Container-less-Kernel-RSS - Release	RSS-Kernel.
GoldBug V 2020.05.10_5.0	2020-05-10	StarBeams: Estimated time of arrival and rates - Release	ETA.
GoldBug V 2020.02.20_4.9	2020-02-20	Bluetooth-discovery-Release.	Bluetooth discovery.
GoldBug V 2020.01.20_4.8	2020-01-20	Numerous optimizations-Release.	Numerous optimizations.
GoldBug V 2019.11.11_4.7	2019-11-11	SOSS-Websearch-Release.	Spot-On-Search-Server (SOSS)-Release with URL-Websearch Portal.
GoldBug V 2019.09.30_4.6	2019-09-30	BLAKE2x - Release.	BLAKE2x hash algorithm.
GoldBug V 2019.09.09_4.5	2019-09-09	Smooth-SQL-Queries-Release.	SQL-Queries Improvement and Maintainance Release.

GoldBug V 2019.08.08_4.4	2019-08-08	Ultra-StarBeam-Release.	File-Transfer with TCP-like Echo .
GoldBug V 2019.06.06_4.3	2019-06-06	Data-Points-Release.	Buffered-content Neighbors data points.
GoldBug V 2019.04.04_4.2	2019-04-04	DTLS-Release.	Connect over DTLS.
GoldBug V 2019.01.25_4.1	2019-01-25	Maintainance-Update-Release.	Small improvements and library updates.
GoldBug V 2018.06.06_4.0	2018-06-06	SMP-Secret-Streams-Cache-Update-Release.	Secret streams derived from Socialist-Millionair-Protocol got an updated cache.
GoldBug V 2018.04.30_3.9	2018-04-30	DB-Update - Release.	PostgreSQL & SQLite Updates.
GoldBug V 2018.04.04_3.8	2018-04-04	Rosie - Release.	New test server Rosemary-Release with several new features and improvements in the code.
GoldBug V 2018.01.05_3.7	2018-01-05	Furious-Fire Chat Channels - Release.	Smoke encrypted Android #Java Chat & GoldBug encrypted C++ Chat are now compatible - though #RSA has diff. Key Formats on Java / C++. .
GoldBug V 2017.12.25_3.6	2017-12-25	LAN-Messenger & January Surprise - Release.	Use GB auto-detection of friends in a LAN-Network. And: FireChat-Pre-Release.
GoldBug V	2017-	PDF-Export-Release.	Download, export and save a page-content from URL-Search as

2017.03.09_3.5	03-09		PDF-File.
GoldBug V 2017.01.20_3.4	2017-01-20	Test-Server-Update-Release.	New Project Server has been added as bootstrapper.
GoldBug V 2017.01.01_3.3	2017-01-01	Secret-Streams-(SMP-IPFS)-Release.	Cache of SMP Authenticated Ephemeral Keys for Instant Perfect Forward Secrecy (IPFS) in Chat and Email.
GoldBug V 3.2	2016-11-05	Fujisaki-Okamoto Release.	Additional Security for the McEliece Algorithm.
GoldBug V 3.1	2016-20-12	McEliece Release.	After the worldwide first NTRU Release GoldBug is worldwide the first Messeger, which implements the McEliece Algorithm.
GoldBug V 3.0	2016-08-28	Threefish Release.	Threefish was the alternative candidate for SHA-3,
GoldBug V 2.9	2016-01-24	RSS/Atom-Newsreader Release.	Adding a RSS-Feed reader to feed the URL-Database for p2p Websearch via RSS- & Atom-Feeds.
GoldBug V 2.8	2015-12-25	Pandamonium Webcrawler Release.	Added the Web Crawler Pandamonium.exe to feed the URL-Database for p2p Websearch via Webpage Crawls.
GoldBug V 2.7	2015-09-26	Forward Secrecy in Email & Chat Release.	Forward Secrecy for Email and Chat.
GoldBug V 2.6	2015-08-01	Serverless Key Share-Release.	EPKS Key Sharing (Echo Public Key Sharing)
GoldBug V 2.5	2015-06-19	URL-Websearch-Release.	(P2P) URL Database with Search Function.

GoldBug V 2.1	2015-04-20	Virtual-Keyboard-Release.	Virtual Keyboard added at Password-Promts.
GoldBug V 1.9	2015-02-23	Socialist-Millionaire-Protocoll-(SMP)-Release.	Authentication via SMP in the Chat Pop up Window.
GoldBug V 1.8	2015-01-24	E-Mail-Client-Release: Plaintext-Emails over POP3/IMAP.	Email Client added next to Chat.
GoldBug V 1.7	2014-12-06	Poptastic-XMAS-Release: Encrypted chat over POP3.	Use IMAP&POP3 Servers for Chat.
GoldBug V 1.6a	2014-11-09	2-Way-Instant-Perfect-Forward-Secrecy: "2WIPFS"-Release.	Use Instant Perfect Forward Secrecy in Chat with 50:50 Secrets.
GoldBug V 1.5	2014-10-10	Alternative Login-Method Release.	Next to Password second login: Answers and Question.
GoldBug V 1.3	2014-09-30	NTRU Release.	GoldBug is worldwide the first messenger with the Quantum Computing resistant NTRU Algorithm.
GoldBug V 1.1	2014-09-09	Vector Update Release.	Better Vectors.
GoldBug V 1.0	2014-09-07	File-Encryption Tool Release.	Added a Tool for the option to encrypt files, before sending.
GoldBug V 0.9.09	2014-08-20	Smiley Release.	Added nice smileys (Tooltip over chat send button).

GoldBug V 0.9.07	2014-07-13	Adaptive Echo Release.	Creation of the AE. Send your Data-Packets to defined Nodes.
GoldBug V 0.9.05	2014-05-31	Added Example Project Chat Server Release.	Added a project server for testing,
GoldBug V 0.9.04	2014-04-22	SCTP & Institution Release.	P2P Email Institutions and SCTP added.
GoldBug V 0.9.02	2014-03-13	StarBeam Analyzer Release.	Tool added to analyse the correctness of a file after a file transfer, to request missing chunks.
GoldBug V 0.9.00	2014-02-07	Tablet Gui Release.	Simpler Gui for a tablet.
GoldBug V 0.8	2013-12-23	Rosetta CryptoPad Release.	Tool to convert Plaintext to Ciphertext, for boards or messages in other messengers.
GoldBug V 0.7	2013-12-19	StarBeam Filesharing Release.	Added encrypted File Sharing to the Messenger
GoldBug V 0.6	2013-10-24	El-Gamal Release.	El-Gamal Algorithm added.
GoldBug V 0.5	2013-09-16	Signature-Keys Release.	Keys with signatures.
GoldBug V 0.4	2013-09-03	Kernel-Improvement Release.	The Kernel improves.
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GoldBug V 0.3	08-26	Geo-IP-Release.	Let your neighbour IP have a flag icon.
GoldBug V 0.2	2013-08-22	TLS/SSL-Release.	Send the encypted packets through a selfsigned TLS/SSL Channel.
GoldBug V 0.1	2013-07-27	based on the release of the same day of the Echo/Chat-Kernel-Servers and Application http://spot-on.sf.net,	going back on another previous research project.

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