OPEN SOURCE DATABASE FOR DOG BREEDING ORGANIZATIONS

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Reldog Lite (RDL) is a relational database program customized to meet the needs of organizations breeding, raising, and training working dogs for guide, service dog, and other work. It is available free of charge to interested organizations under the General Public License agreement of the Free Software Foundation. RDL was modeled after the database in use at Guiding Eyes for the Blind, which was developed by volunteer programmer Kevin Keymer and staff at Guiding Eyes for the Blind. It represents millions of dollars of donated time over its 13 years of development. Smaller schools that do not have the funds to invest in development of a customized database can use RDL to store basic dog data, health, and genetic data; general information about people and the many relationships they have with various dogs and your organization; breeding, whelping, temperament, and training progress data; as well as client details and class management. It incorporates best methods in managing canine genetics as well as validated temperament scoring systems. A database should help organizations breeding dogs to maximize improvement in providing quality dogs and quality service and support. RDL facilitates data analysis so managers can monitor outcomes and make changes in the key areas of reproductive management, dog health and temperament, puppy raising and training, and team matching and support. The program runs on Microsoft Access and can be used on a single computer or networked for in-house or remote use with the aid of additional hardware and networking software. A user manual for RDL will also be provided at no charge. Future upgrades after programming is complete will be the responsibility of the organization using RDL. RDL is written in code that is widely known and the code is openly available to any programmer by viewing the design view of the forms.

Wednesday 13 May 2009 / 14.10 – 14.30
Jane RUSSENBERGER (USA)
Reldog Lite: Open Source Database for Dog Breeding Organizations.
20' Presentation
Reldog Lite (RDL) is a robust relational database software program that stores and effectively utilizes data to meet the needs of organizations breeding dogs for working purposes.
Specific data stored and managed includes dog health, temperament, breeding, whelping, pedigree relationships, training, people data and dog-people relationships. RDL also provides export and import capability to combine data from cooperative breeding groups to enable export of combined data to external software programs designed to estimate heritability and breeding values.
The program utilizes Microsoft Access to run and can be used on a single computer or networked for in-house or remote use with the aid of additional hardware and software for networking. RDL is an open source data management system through the General Public License agreement of the Free Software Foundation.
http://ddata.over-blog.com/xxxyyy/0/43/98/70/Programmes-congres/Programme-Congr-s-IWDBA-2009.pdf

The Reldog Lite project continues under the leadership of volunteer computer programmer Steve Owen from Virginia Beach, VA. Steve is stripping down the genetics tracking database called Reldog (Relational Database for Dogs) developed for Guiding Eyes by volunteer programmer Kevin Keymer of MN. The new database called Reldog Lite will be provided at no cost to any school in the world to help them breed better dogs. Barbara Havlena, project manager, and GEB intern Kelly Schiefelbein is involved as well with testing the database changes. http://www.guidingeyes-md.org/Newsletters/May%202007%20newsletter.pdf

RelDog Lite demonstration
Presenter: Barbara Havlena
Reldog Lite is a relational database built in Microsoft Access and will be available free of charge to working dog organizations in 2008. Reldog Lite's focus is to store dog health, temperament, breeding and pedigree data. It has genetic management tools specifically for breeding managers. It calculates inbreeding coefficients and updates production totals and percentages for breeding dogs. Data can be exported to genetic analysis software and the results imported back into Reldog. Health summaries and reports on trends of incidence can be produced. Reldog Lite is being created by volunteer Steve Owen and a team of staff from Guiding Eyes for the Blind and Minnesota Guide Dog Breeding Center. Reldog was developed by volunteer Kevin Keymer and staff at Guiding Eyes for the Blind. There will be a demonstration table of Reldog and Reldog Lite at the IWDBA conference. http://www.iwdba.org/uploads/media/2007_Summaries.pdf