Eloquence B.08.20 new functionality



Improved JDLG

Improved WebDLG

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JDLG status

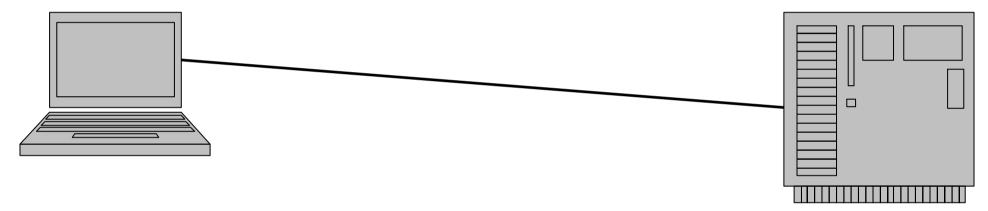


- JDLG 1.5.7 was released in December 2010
- Current version is JDLG 1.5.7-120514-1914 (May 2012)
- JDLG 1.5.8 planned for July 2012
- Enhancements since JDLG 1.5.7
 - detect / prevent broken network connection (keepalive)
 - terminate JDLG sessions not in use for a long time (idle timeout)
 - do not lose user keyboard input when program is busy (typeahead)
 - programmatically activate other JDLG sessions

JDLG 1.5.7 keepalive



DLG SET ".keepalive", Seconds
eloquence.config.keepalive = Seconds

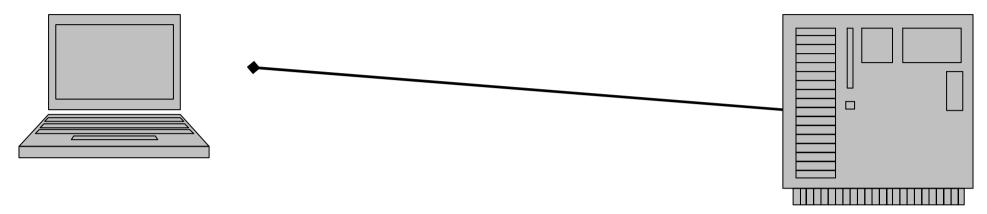


PC running JDLG connected to program running on server

JDLG sending keepalive messages in regular intervals

JDLG 1.5.7 keepalive





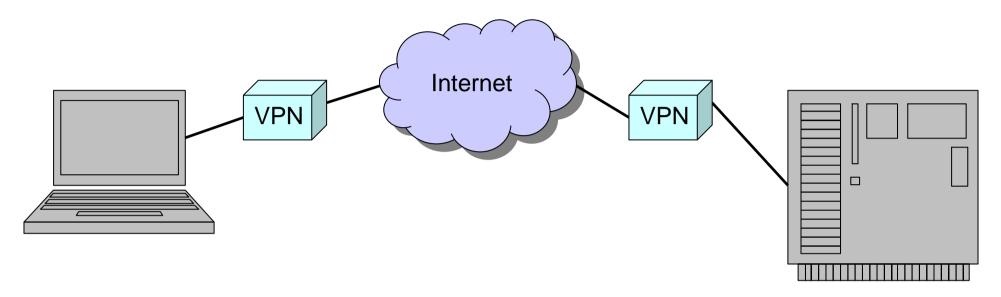
PC unplugged from network, server may not notice

JDLG keepalive messages no longer appear at server

Program terminates (DLG ERROR 684) after 5 keepalive intervals have passed

JDLG 1.5.7 keepalive





PC connected to server via virtual private network (VPN) over Internet

VPN gateways keep track of active connections

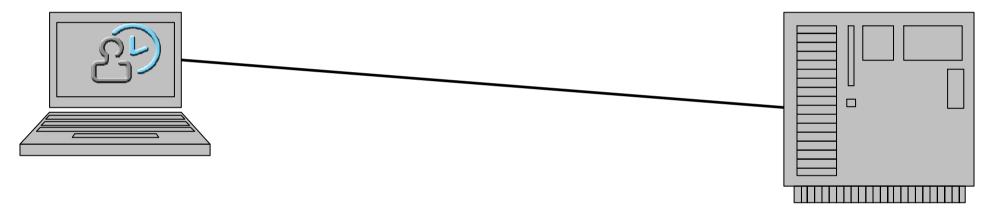
VPN gateways may time out a connection if inactive for some time

JDLG keepalive messages prevent a connection from timing out

JDLG 1.5.7 idle timeout



DLG SET ".timeout", Seconds



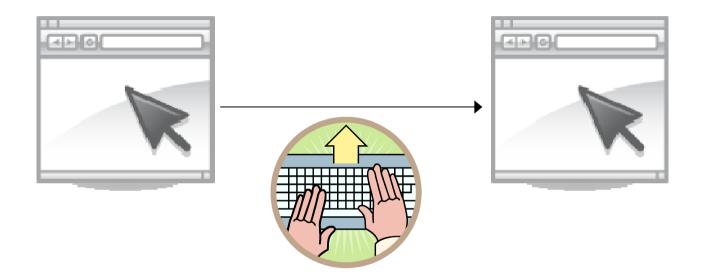
User leaves JDLG session idle for a long time

Program terminates (DLG ERROR 684) after idle timeout has elapsed

JDLG 1.5.7 typeahead



DLG SET "System.typeahead",1
eloquence.config.typeahead = 1

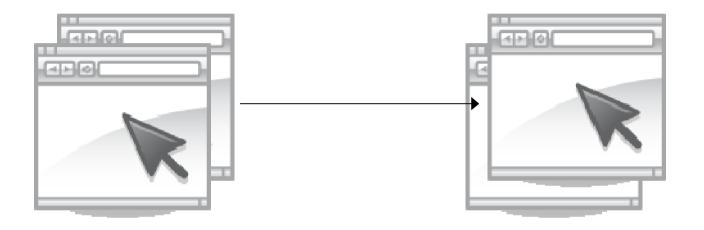


User types while program is busy changing from one dialog to another Keystrokes are buffered until next input object has received the focus

JDLG 1.5.7 System.activate



DLG SET "System.activate", "Dialog title"



Programmatically bring other JDLG session to front

Similar to using the Window menu

JDLG future outlook



JDLG plug-in extension

- Customize / extend JDLG functionality
- Create your own JDLG objects and attributes
- Planned for JDLG 1.6 in Q3 / 2012

JDLG 1.6 plug-in extension



Plug-in example

- demonstrates integration of business charts (jfreechart)
 - line graph, bar graph, pie graph
- demonstrates editable grid object (editable ListBox)
- full Java source code and documentation will be available
 - planned for Q3 / 2012 with JDLG 1.6 release
- preview available in July 2012
 - will be announced in the Eloquence Mailing List

JDLG 1.6 plug-in extension



Demo: JDLG example plug-in

Eloquence B.08.20



Improved WebDLG

WebDLG status



WebDLG has been significantly improved

- Dialogs are no longer reloaded but dynamically updated
 - using AJAX / "Web 2.0" functionality
- Objects may be styled with CSS in almost every aspect
- Navigate keyboard focus with RETURN / ENTER keys
- Programs may authenticate against configured eloqsd users

WebDLG status



- Improved WebDLG is part of Eloquence B.08.20
- Also available as patch for Eloquence B.08.10
 - Current patch: PE81-1203220
 - Download directory:
 http://eloquence.marxmeier.com/download/B0810/patch/beta/
 - Final patch expected along with Eloquence B.08.20 release

Improved WebDLG



Demo: New WebDLG features

WebDLG future outlook



WebDLG will integrate current Web technology

- HTML5
- CSS3
- JavaScript frameworks
 - Advanced user interface objects, cross-browser compatible
 - Client-side functionality makes programs highly interactive
 - Programs make full use of mobile device user interface
- Development starts in Q4 /2012