

# **KeysDemo**

Richard Hodger

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**REVISION HISTORY**

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# Chapter 1

## KeysDemo

### 1.1 Contents

\*\*\* KEYS V1.3 \*\*\*

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**Introduction** Introduction and explanation.

**Requirements** Requirements for the program.

**Installation** Installation to your system.

**Usage** Usage of the system.

**Author** The Author (Me).

**Registering** Registering.

### 1.2 Introduction

Introduction

My Keys System is a copy protection system for Blitz Basic v2.1 programs, currently in it's 1.3 version, it uses Public keys created by users and private keys made by authors.

It's really quite simple to use, a public key is made by a user and kept on their system, when they register a program the file is sent to the programmer and he can then create a private key which will only work on that user's system only, and only with that program.

This insures validation of the user by the programmer, and several functions for the program to use, allowing it to enter demo modes, report pirate copies and so on.

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## 1.3 Requirements

Requirements

Not many really, just those below:

- OS 3.0 and above.
- Blitz Basic v2.1 (Possibly as well as version below this).

May also work with other program's, I'll have to experiment a bit first.

## 1.4 Installation

Installation

The "KeyInclude" program is for checking the private/public keys against each other (Can go anywhere, but must be in your executable/archive).

The "MakeKey" program is for users to make Public keys (Goes into distribution archive).

The "Key2" program, makes the private keys to match the public keys.

The first two programs can go anywhere, but the last one must go into it's own directory (something like "KeysForSysConfig").

## 1.5 Usage

KeyInclude

The KeyInclude program checks off the private and public keys, and leaves a wee message for your program in ENV:

The file in the env directory will be named "Report.key" and can contain one of the three following messages:

Ok - The Public and Private keys are okay and check off.

Demo - The user has a Public key, but no private key.

Conflict - There is a conflict/difference between the Public and Private keys.

MakeKey

This makes a universal key that can be sent to you/the author for validation and registration, you then use the "Key2" program to make a private key.

The key is stored in ENVARC: as "Public.Key".

Key2

This is a Shell command that makes the Private key for distribution to users, it uses the following syntax:

Key2 [public.key]

The program then displays info about the user and asks is it okay, if okay

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is selected then the private key is generated in that directory with the e-mail address of the user as it's title.

#### Demo Version

As this is only a demo version, anyone can get access to these executables and make their own Private key for your program. The only way to get a personalised version for your program is to [register](#) .

## 1.6 Richard Hodger

Richard Hodger - The Author

My full name is Richard Hodger, and I'm 17 years old. I have been using various types of computers for about 6 years (since I was 11), and have chosen the Amiga as my favourite, and I live in Northern Ireland.

I have been doing an NVQ in "Installing IT Products" for about 6 months, and have to admit that it is quite possible the most boring course you could ever choose.

I started writing programs about 6 months ago, and so far don't think I'm doing too badly (Comments are appreciated), I started working on the "Keys" system about 7 days ago (14-2-97) after I heard many complaints from fellow programmers that there was no copy-protection system as such, and that a PGP style one would be good.

So far this is the first program to use the "Keys" system, and as soon as it is finalised it will be realised for use by everyone and anyone.

I'm not going to give out my address here, as I'm none too happy about that, but I will give the address for my Web pages and e-mail address (No junk please!!).

World Wide Web Pages: <http://www.rhodger.demon.co.uk>

E-Mail: [rick@rhodger.demon.co.uk](mailto:rick@rhodger.demon.co.uk)

## 1.7 Registration

Registration

Registration is not however free, unfortunately being a starving student etc etc (you know the routine) I can't give this away for free, considering that I have to sit down and recompile the executables everytime someone wants to register thier program for copy protection blah blah blah....

I'm not asking for much, just 4 of your United Kingdom pounds (UK£4) or the equivalent, and I'll register your program and send you the executables either via e-mail or s-mail.

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Stick your coins in an envelope, and mail it to: R Hodger

^ 10 Dermott Gardens

l\_ Comber

I'll accept cheques too! Newtownards

Northern Ireland

BT23 5LH

I'm gathering a database of all the programs that use the system, and the serial numbers are quite big, there's about 6760000000 (Sixty Seven Thousand and Sixty Million combinations), so don't worry that your program will clash with another, fill in the registration form below and post it as well.

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Name: \_\_\_\_\_

E-Mail: |\_|

Address: \_\_\_\_\_

\_\_\_\_\_ S-Mail: |\_|

\_\_\_\_\_

\_\_\_\_\_

E-Mail: \_\_\_\_\_

The name of your program: \_\_\_\_\_

Location/Name the private key is to be saved as:

\_\_\_\_\_

Comments/Requests for executables:

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Keys Bugs: [keybug@rhodger.demon.co.uk](mailto:keybug@rhodger.demon.co.uk)

Everyone who registers will be kept up to date with the programs new releases/adverts for other programs (If you don't want these, tell me).