ADVANTAGES AND DISADVANTAGES OF DELPHI BORLAND

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Abstract

ADVANTAGES AND DISADVANTAGES OF DELPHI BORLAND

Delphi is an IDE compiler for the Pascal programming language. Borland Delphi is one of the programming languages since it was first launched and immediately attracted by computer programmers. This is because Delphi provides facilities to create applications with an easy visual interface and provides satisfactory results.

but the name of a product must be lacked. Here are the advantages and disadvantages of Delphi.

Advantages:

1. freeware
2. Having a user friendly design for beginner programmers
3. Has a fast compilation speed
4. Has a very complex component for making software applications to databases
5. Have a default database plugin application (BDE)
6. The version is always updated, until now it has reached Delphi version 2009
7. The resulting application can be a portable executable and installable executable file
8. It is very easy to connect to various database applications, for example BDE, Access, MySql, SQL Server, Oracle, and other databases

Deficiency:

1. One of Delphi's shortcomings is the result of the compilation, the * .exe file will definitely overwhelm the memory!

Kata Kunci : Penerimaan dan Pengeluaran Kas.

A. INTRODUCTION

IndonesiaFreeware

Has a user friendly design
for beginner programmers

Has a fast compilation
speed

Has a very complex
component for making
software applications to the
database

Have the default database
plugin application (BDE)

The version is always
updated, until now it has
reached the 2009 version of
Delphi

The resulting application
can be a portable
executable and installable
executable file

It's easy to make
connections to various
database applications, such
as BDE, Access, MySql, SQL
Server, Oracle, and other
databases

Deficiency:

Users who don't have basic
programming in Pascal's
language will have trouble
for the first time.

Each component entered in
the display form will include
the code of the declaration
and initialization in the list
code. Changing approved
component changes,

naming also fixes the code,
the program doesn't want to
fix automatically.

If there are other list forms /
codes included, the code /
name of the missing form /
code must be written in the
"use" section and also the
initialization of the variable ...

B. CONCLUSION

Conclusion

This conclusion is quoted from the material that has been presented by the author in the previous chapters, the conclusions that the authors take are as follows:

1. The need for application programs today is very important.
2. Delphi 7 is one of the visual based programming software used to create application programs on a computer.
3. The programming language used in Delphi is derived from the Pascal programming language.
4. In 1992 a programming language called Borland Pascal 7 appeared which was a merger of Turbo Pascal and Turbo Pascal for

Windows

5. Borland made a new programming language in 1995 based on the Pascal language. The new programming language was named Borland Delphi.

6. ODBC stands for Open Database Connectivity, which is a set of functions to connect databases locally and remotely

7. ODBC makes it easy to connect applications to several different format databases, such as Ms FoxPro's database format, Ms Access, Ms SQL Server, My SQL or Oracle.

8. The purpose and benefits of making this library application are:

- a. Improve library services to employees
- b. Improve data processing or library information.
- c. Makes it easy for employees to find the desired reading material.

C. ACKNOWLEDGEMENT

University Of Mitra
Indonesia

- Technology And Business (Icibt)*, 2018, Pp. 181–187.
- [2] A. S. Putra, O. M. Febriani, And B. Bachry, "Implementasi Genetic Fuzzy System Untuk Mengidentifikasi Hasil Curian Kendaraan Bermotor Di Polda Lampung," *J. Sist. Inf. Dan Manaj. Basis Data*, Vol. 1, No. 1, Pp. 21–30, 2018.
- [3] O. M. Febriani And A. S. Putra, "Sistem Informasi Monitoring Inventori Barang Pada Balai Riset Standardisasi Industri Bandar Lampung," *J. Inform.*, Vol. 13, No. 1, Pp. 90–98, 2014.
- [4] Putra, Arie Setya. "2018 Artikel Struktur Data, Audit Dan Jaringan Komputer." (2018).
- [5] Putra, A. S. (2018, July 17). Paperplain Fundamental Create Application With Borland Delphi 7.0 University Of Mitra Indonesia. Retrieved From [Osf.io/Pbrn9](https://osf.io/Pbrn9).

D. REFERENCE (Based ISO 690)

- [1] A. S. Putra And O. M. Febriani, "Knowledge Management Online Application In Pdam Lampung Province," In *Prosiding International Conference On Information*

E. REFERENCE (Based APA)

Putra, A. S., Aryanti, D. R., & Hartati, I. (2018, November). Metode SAW (Simple Additive Weighting) sebagai Sistem Pendukung Keputusan Guru Berprestasi (Studi

Kasus: SMK Global Surya). In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 85-97).

Sari, D. P., Febriani, O. M., & Putra, A. S. (2018, November). Perancangan Sistem Informasi SDM Berprestasi pada SD Global Surya. In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 289-294).

Putra, A. S. (2018). Paperplain: Execution Fundamental Create Application With Borland Delphi 7.0 University Of Mitra Indonesia.

Putra, A. S., Sukri, H., & Zuhri, K. Sistem Monitoring Realtime Jaringan Irigasi Desa (JIDES) Dengan Konsep Jaringan Sensor Nirkabel. *IJEIS (Indonesian Journal of Electronics and Instrumentation Systems)*, 8(2), 221-232.

Darmawan, A., Yuliawati, D., Marcella, O., & Firmandala, R. (2016). Sistem Absensi dan Pelaporan Berbasis Fingerprint dan SMS Gateway. *EXPLORE*, 7(1).

Febriani, O. M., Wahyuni, T., & Yusuf, S. (2017). DESIGN OF WEBSITE-BASED INFORMATION SYSTEM FOR EDOCUMENT ADMINISTRASI IN THE COMMUNITY SERVICE UNIT (A Case Study at Rajabasa District). *INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY*, 16(7), 7010-7020.

Febriani, O. M., & Wahyuni, T. (2017, October). PERANCANGAN SISTEM

E-DOCUMENT ADMINISTRASI LOGBOOK PENELITIAN PADA UNIT LAYANAN DI BANDAR LAMPUNG. In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 187-194).

Febriani, O. M., & Permadi, A. B. (2017). Implementasi Sistem Aplikasi Data Bimbingan dan Pelanggaran Siswa pada Sekolah Menengah Atas di Lampung Tengah dengan Metode Analisis dan Desain Sistem Terdistribusi (SSAD). *EXPERT*, 7(1).

Febriani, O. M., & Ambarwati, L. (2015). PERANCANGAN APLIKASI PENGOLAHAN DATA PENJUALAN UKM KELANTING KHAS TELO DESA SIDOHARJO KECAMATAN JATI AGUNG KABUPATEN LAMPUNG SELATAN. *Jurnal Teknologi Informasi dan Bisnis Pengabdian Masyarakat Darmajaya*, 7(1), 77-95.

Febriani, O. M. (2015). Rancang Bangun Aplikasi E-commerce menggunakan Freewebstore pada UKM Kelanting di Desa Sidoharjo Lampung Selatan. *Prosiding Sembistek 2014*, 7(02), 446-458.