

EMPEX for Employment Agency Development Time: 21days

The screenshot shows the EmpEx v1.0 - Males application window. The interface is divided into a navigation pane on the left and a main data area. The navigation pane contains a tree view of search filters, including Sex (Male, Female, Other), Shift, Yes/No, Transport, Permit, Employed, Age Range, Qualification, Position (Athlete, CEO, Mktg, Sales Exec), Intersection (Bessie/Adyar, Chinth/L, Egmore/Chetpet, Halls/Taylor, Kar/Sholing, SRP/Kand), Zip Code, City, Nationality, and Skin. The main area displays a list of four candidates, each with a profile card containing a photo, name, address, contact info, and qualifications.

ID	Gender	Name	Address	Qualification	Phone	Email	Position	SIN	Notes	Nat
1	Male	Namazi, Imran Ali	1C Bijayati Towers, 72 halls Road, Chennai, 600010	BE CSE	26450487, 9841223313	ianamazi@hotmail.com	CEO	051171	Highly Productive	Indian
2	Male	Brown, Gavin Adrian	K65, Chennai, 600040	BE E&I	6288041	gavin_ly@yahoo.com	Sales Exec	105487	Good with a guitar	Indian
3	Male	Mella, Chaitanya	H33, Chennai, 600041	BE EEE	52018459	melchat007@y.c	Mktg	6546552	Works Hard	Indian
4	Male	Abraham, Arun Kumar	Chennai, 600040	BE EEE	9840545785	arun_nitz@y.c	Sales Exec			

Features

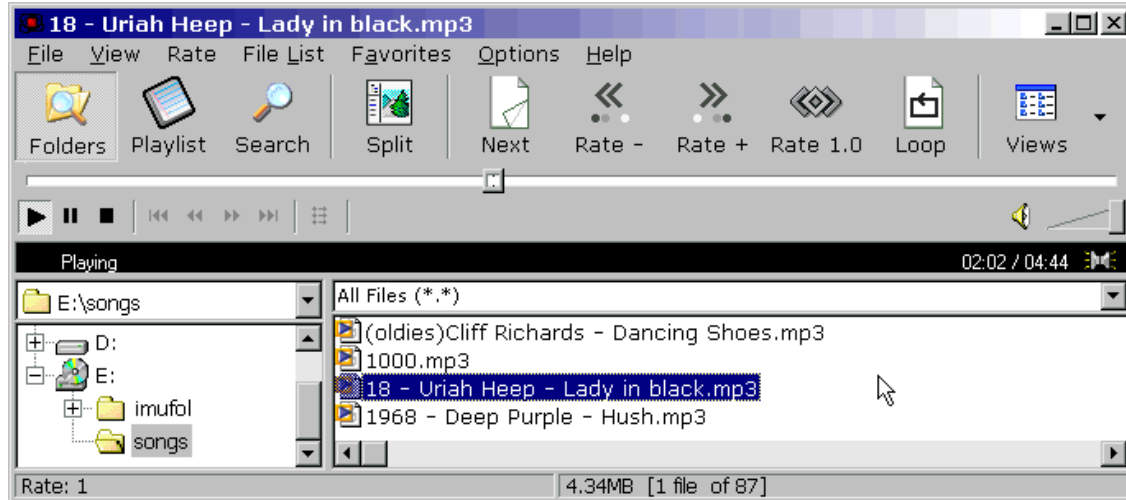
- Manages Customer and Prospective Employee data for an Employment Exchange.
- Input customer search parameters simply by choosing from a list of enumerated fields. Also accommodates non-standard search fields like name, email etc.
- Customise search fields, styles and icon to meet individual tastes/requirements.
- Choose to keep only active customers searches open
- Choose option of 'New Entries Only' – shows only people added to the database since last time search was run for the customer.
- Registration module prevents spurious use of program.
- Select from a number of print options –MS Word, Internet Explorer or other.
- Simple prompting dialog to select persons before editing.
- Option of Quick Entry to add persons giving minimal details (usually by telephone).

Features (Technical)

- Our own **SQL Query building algorithm** takes input from the navigation pane on the left and generates a required SQLString when the user runs a search.
- Results are sent to a **HTML generation module** that works with the various parameters such as style, format, image bank and search Recordset, building an output in HTML.

IViewer

Development Time: 4 years

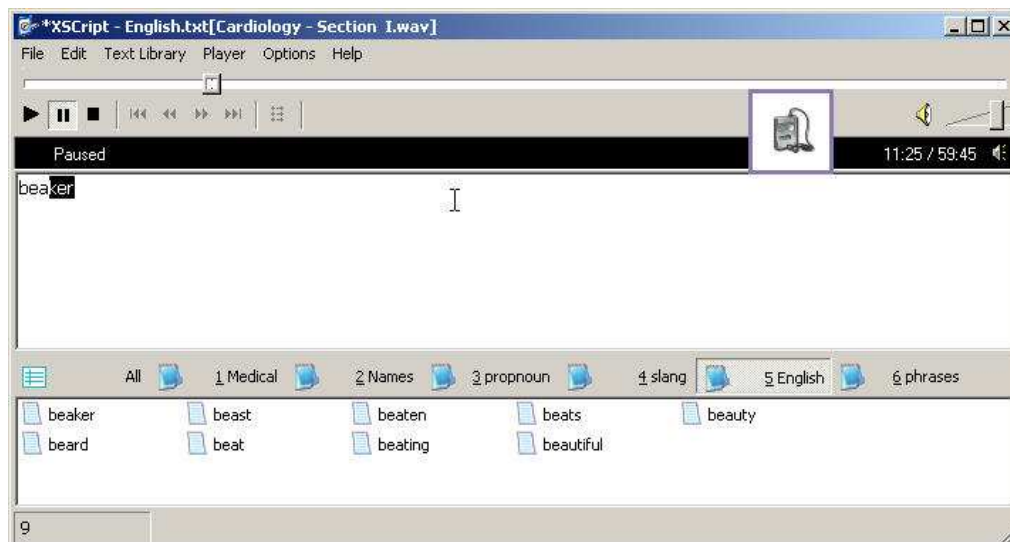


Features

- Choose between Explorer, Playlist and Search to view files.
- Filter out any particular type of file (either in a folder or a search)
- Add your own folders to its explorer pane, remembers visited folders.
- View any of 4 basic file types (Image, Text, Media (Audio & Video) + Html).
- Configure file extensions. Include doc, xls, pdf etc.
- Play songs / video, adjust their speed, view slideshows of images.
- Recalls lyrics for an mp3 using the Lyrics Library of Lyriks®
- Totally Customisable Interface.

X-Script medical transcription tool

Development: 12 days



Features

- Integrated player (adjust speed, auto pause + play, drop basket for audio files)
- Automatically completes (and prompts) words as you type.
- Build your own vocabulary of technical terms, using documents for training.

I-VIA Virtual Information Assistant

Development: 1year

MDI Interface Built over time in 6 modules.

Diary:

- Separate User Logins
- Automatically Encrypts entries (User Option)
- Search Diary, add schedules within a day.

Address Book:

- Sort Users in groups. File a contact under another (as in real life).
- Shows photographs as icons (when viewing groups).
- Stores data in an easily transportable form
- Make mailing lists (simply check contacts).

Expenses:

- Shows by category, date, and account.
- Sort quickly & Make all sorts of totals.

Bio-rhythm:

- Plots the Physical, Emotional and Intellectual cycles of your bio-rhythm.
- Stores birthdays for easy retrieval.

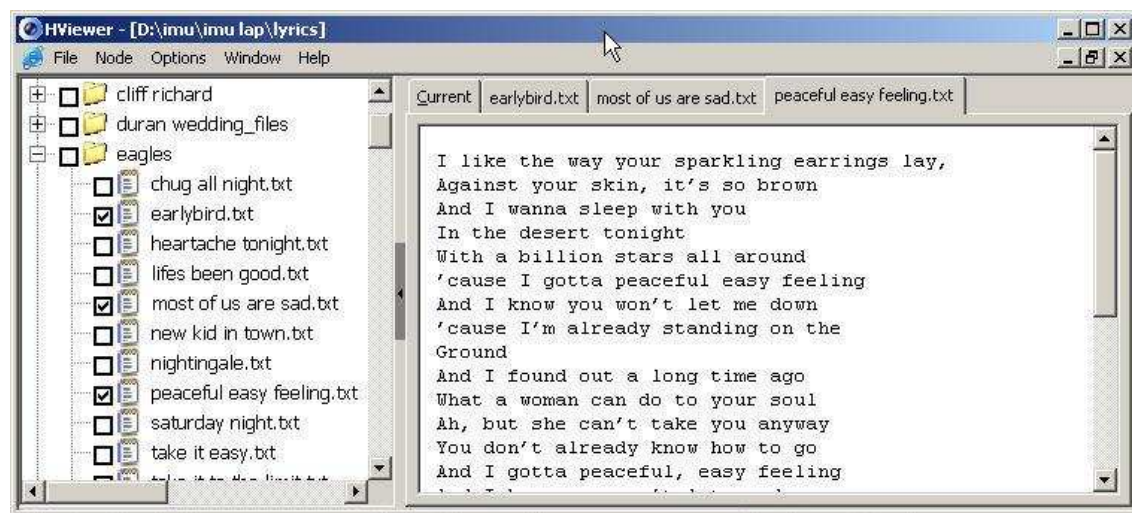
Encryption:

- XOR based file encryption.
- Saves encryption keys for all files.
- Detects wrong keys, preventing irreparable damage by XORing with wrong keys.

File Navigator:

- Features like Bulk-renaming, Folder Cataloguing, Folder Sizes (through enumeration)

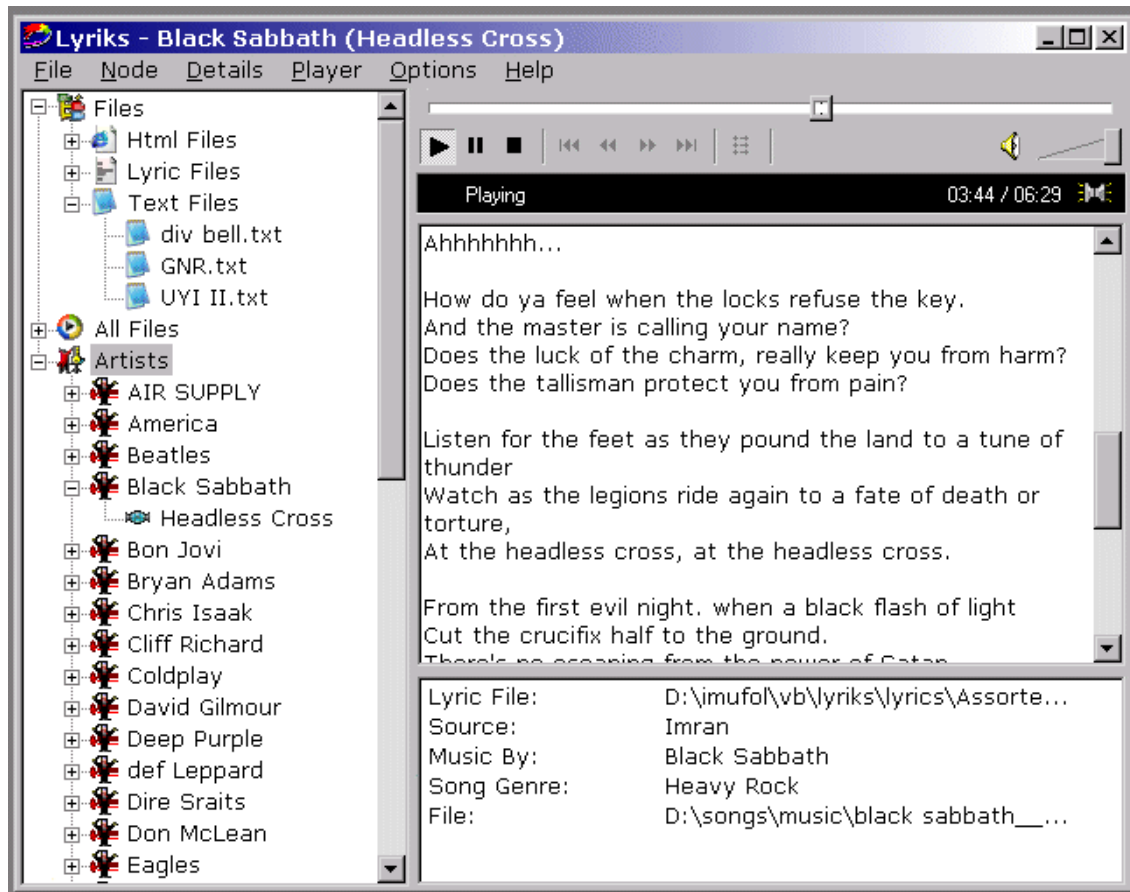
The Explorer related modules are currently being re-built into the **HViewer Application** that will work out of the system tray, have fast file viewing (using Tabs for files like Opera) Folder Merging, Time-Stamping, Thumbnail Creation and the like.



The other information based modules will be integrated into a more robust personal information management system for users.

Lyriks

Development Time: 6months



Features

- Build your own Library of lyrics, Point it to mp3s and it will play them.
- Choose to view them (hierarchically) in any way
- Add more lyrics from html/text files easily.

Features (Technical)

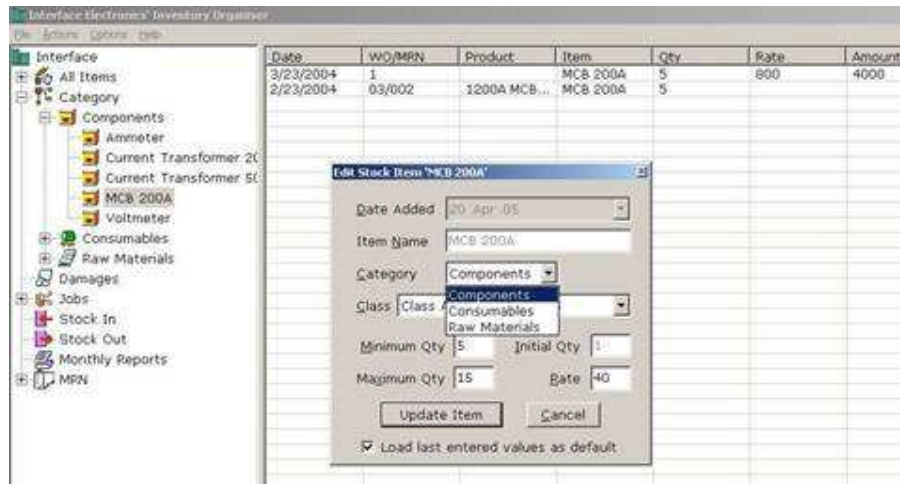
- Built around an independent text parser that works the same way as xml.
- Uses registry to make its mp3-song links (Lyrics Library) available to other song player programs (like IViewer)

Ongoing Development / Plans:

- Development to make it access an **online MYSQL database** of lyrics where it can submit newly acquired lyrics as well.
- Keep track of users' databases so it can be downloaded to another computer.
- A lyrics pane that co-relates with Players like WMP, Winamp etc.

Inventory

Development Time: 1 month

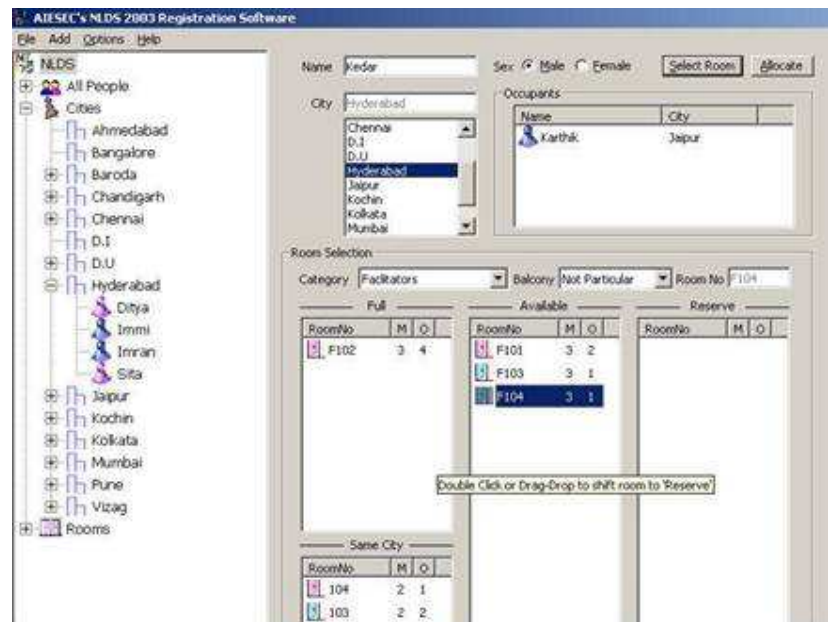


Features

- Keeps Inventory of all Stocked Items for a manufacturing industry
- Items are added to the database, accompanying a 'Materials Received Note'
- A monthly report is prepared for each item in the stock table.

NLDS – Room Allocation

Development Time: 14days



Features

- Room Allocation Package.
- Segregates by gender.
- Works to allot rooms so that no 2 people from the same city bunk together.

ATTENDANCE

Development Time: 1month

Period No	Subject Code	Subject Name	Date	Period	Absentees
period 2	CS	Control Systems	21/Dec/02	5	Aju, Arun Kumar, Bharath, Dilip, Chaitanya
period 4	EM	Electrical Machines II	21/Dec/02	2	Aju, Anand, Arthi, Arun V, Diljith, Tamilarasan, Vijaykumar, Siv...
period 5	EM	Electrical Machines II	21/Dec/02	7	Aravind, Chitra, Sriram, Padmanabhan, Imran, Bharath, Anan...
period 6	NAS	Network Analysis & Synthesis	24/Dec/02	4	
period 1	NAS	Network Analysis & Synthesis	21/Dec/02	1	Aravind, Chaitanya, Dilip, Selvaraj, Vinodh RS, Shibu

Name	CE	CS	EM	EC	NAS	O...	Attendance	EC-1	EC-2	NAS-1	EC(2)	NAS(1)
Chitra			1				83.3 %	58	8	1	69	10
Dilip	1	1			1		50 %	75	4	1	57.5	10
Diljith			1				83.3 %	54	5	4	52	40
Divya							100 %	45	2	4	32.5	40
Gayathri							100 %	45	5	5	47.5	50
Gobind			1				83.3 %	45	5	5	47.5	50
Imran			1				83.3 %	45	4	7	42.5	70
Jubin			1				83.3 %	25	4	4	32.5	40
Karthick L	1						83.3 %	45	4	4	42.5	40
Karthik H							100 %	2	1	5	6	50
Karthikeyan			1				83.3 %	44	1	2	27	20
Madhan							100 %	45	4	4	42.5	40

Features

- Manages records for a college – attendance, marks everything.

Library Package

Development Time: 14days

Member ID	Name	Date Joined
2	Inran	14/07/1997

Book No	Name	Author	Date Taken
201xxx	Secrets Can Kill	Carolyn Keene	26/07/2001
201xxx	Secrets Can Kill	Carolyn Keene	25/07/2001
2	The day of the Jackal	Frederick Forsyth	25/07/2001
101x	Dead On Target	Franklin W Dixon	25/07/2001
1	The Hades Factor	Carolyn Keene	25/07/2001
1	The Hades Factor	Carolyn Keene	25/07/2001

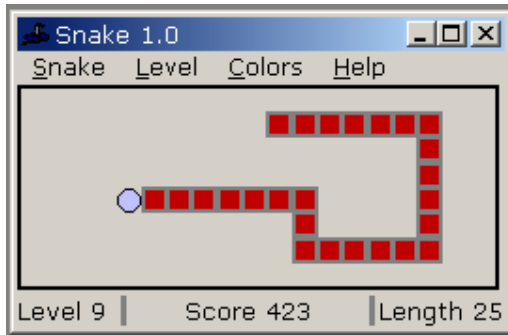
Features

- Records books and magazines taken by members, and their due dates.
- Keeps track of overdue books, generating fines etc.

GAMES

Total Development Time: 15 days

SNAKE



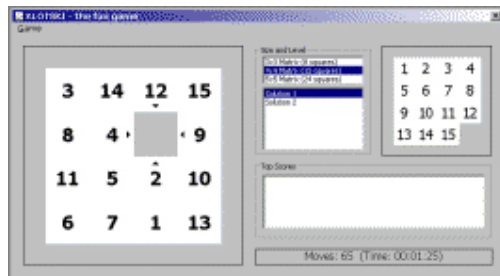
- Change Colours
- Change Size of board
- Adjust Speed (Level)

BRAINVITA

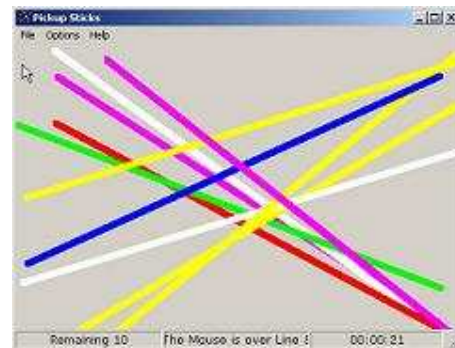


- Choose from Saved Games

KLOTSKI



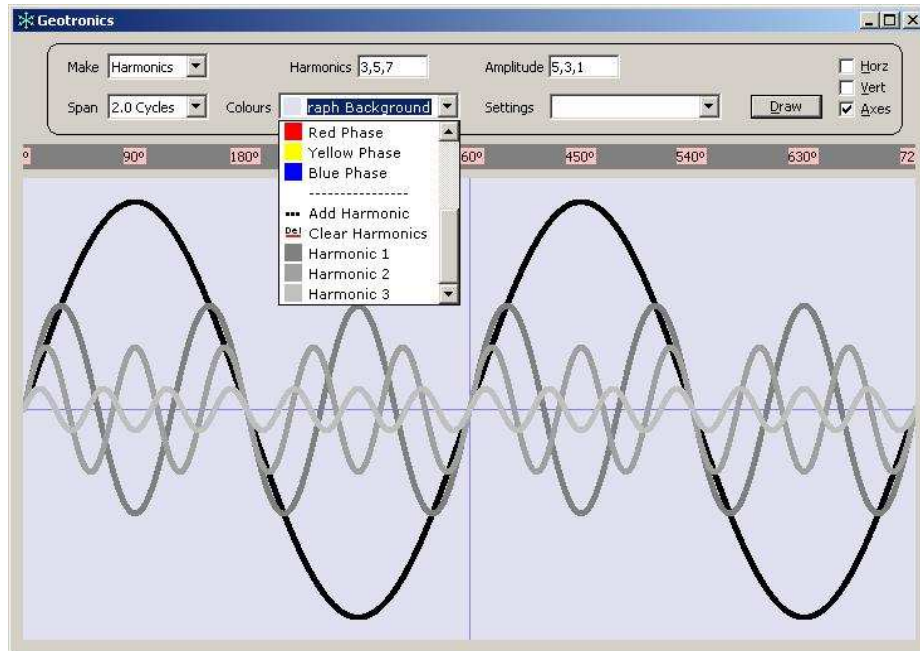
PICKUP STICKS



Incomplete Games: Tic Tac Toe, Scrabble, Tetris

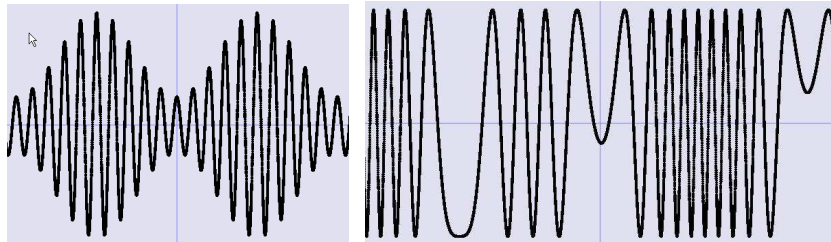
GEOTRONICS

Development Time: 3days



Features

- Draws AM, FM, 3phase and Harmonics.
- Change span of wave and parameters.
- Customise colours, plot density and other settings.



MDB Sync Database Synchroniser tool

- Built to synchronise large databases to other locations via reduced capacity media such as floppies.
- First generate the difference file. Copy it to the other PC. And run the utility again to merge with old database.

