

1: Homepage - Interface

A user experience design schoolâ€™ built from the ground upâ€™ with the sole purpose of making UX designers everyone wants to hire. Students become industry ready, and prepared for the realities of a professional work environment.

Dave Matthews is program manager on the core user experience team who will provide some of the data and insights that are going into engineering Windows 7. This is somewhat of a precursor to the tabbed interfaces prevalent in web browsers. Early on this was a big debate because there was such limited screen resolution VGA, x that the redundancy of the menu bar was a real-estate problem. In general, people expect windows to be moveable, resizable, maximizable, minimizable, closeable; and expect them to be freely arranged and overlapping, with the currently used window sitting on top. These transformations and the supporting tools caption buttons, resize bars, etc make up the basic capabilities that let people arrange and organize their workspace to their liking. In order to improve on a feature area like this we look closely at the current system - what have we got, and what works? Caption buttons give a simple way to minimize, maximize, and close. Resizable windows can be adjusted from any of their 4 edges. Data on Real-World Usage As pointed out in the previous Taskbar post, on average people will have up to 6 - 9 windows open during a session. But from looking at customer data, we find that most time is spent with only one or two windows actually visible on screen at any given time. Windows Feedback Panel data As part of our planning, we looked at how people spend their time and energy in moving and sizing their windows. For example, we know that maximize is a widely used feature because it optimizes the work space for one window, while still being easy to switch to others. Users respond to that concept and understand it. Since most of the time users just focus on one window, this ends up being very commonly used. The darker look was used to help make it clear that the window is in the special maximized state. This is important because large desktop monitors are becoming more common, and wide-aspect monitors are gaining popularity even on laptops. Resolution data suggests wide aspect-ratio monitors will become the norm. Being able to see two windows side by side is also a fairly common need. There are a variety of reasons why someone may need to do this - comparing documents, referring from one document into another, copying from one document or folder into another, etc. It takes a number of mouse movements to set up two windows side by side - positioning and adjusting the two windows until they are sized to roughly half the screen. We often see this with two applications, such as comparing a document in a word processor with the same document in a portable reader format. Users with multiple monitors get a general increase in task efficiency because that setup is optimized for the case of using more than one window at once. In a Microsoft Research study on multi-tasking, it was found that participants who had multiple monitors were able to switch windows more often by directly clicking on a window rather than using the taskbar, implying that the window they want to switch to was already visible. And interestingly, the total number of switches between windows was lower. In terms of task efficiency, the best click is an avoided click. An interesting multiple window scenario occurs when one of the windows is actually the desktop. The desktop is still commonly used as a storage folder for important or recent files, and we believe people fairly often need to drag and drop between the desktop and an explorer window, email, or document. This means you either have to find and switch back to the original window, or avoid the Show Desktop feature and minimize everything manually. This kind of experience comes across in our telemetry when we see complex sequences repeated. It takes further work to see if these are common errors or if people are trying to accomplish a multi-step task. Evolving the design To find successful designs for the window management system, we explore a number of directions to see which will best help people be productive. From extremes of multi-tasking to focusing on a single item, we look for solutions that scale but that are still optimized for the most common usage. We look at existing approaches such as virtual desktops which can help when using a large number of different windows especially when they are clustered into related sets , or docking palettes that help efficiently arrange space as seen in advanced applications such as Visual Studio. We also have to think about the variety of applications that the system needs to support. And some applications provide their own window sizing and caption controls in order to get a custom appearance or behavior. Each of these

approaches is valuable, and the different application styles need to be taken into account in making any changes to the system. For Window 7 our goal is to reduce the number of clicks and precise movements needed to perform common activities. Some of the scenarios that are rising to the top include: Can efficiently view two windows at once, with a minimal amount of set up. Simple to view a document at full height and a comfortable reading width. Quick and easy to view a window on the desktop. The most common actions should require the least effort - quicker to maximize or restore windows with minimal mouse precision required. Keyboard shortcuts to replace mouse motions whenever possible for advanced users. Useful, predictable, and efficient window options for a range of displays: Easy to use different input methods: Customized window glass color visible even when maximized. Overall - customers feel in control, and that the system makes it faster and easier to get things done. This last point is important because the feeling of responsiveness and control is a key test for whether the design matches the way people really work. We put designs and mockups in the usability lab to watch how people respond, and once we see people smiling and succeeding easily at their task we know we are on the right track. The ultimate success in a design such as this is when it feels so natural that it becomes a muscle memory. This is some of the background on how we think about window management and doing evolutionary design in a very basic piece of UI.

2: User Interface Engineering - in-tech

Book engineering the user interface pdf free download and read online pdf/epub by Miguel Redondo isbn: , Digital Divide (DD) is a term that defines the division between people, communities, states, countries, etc. with respect to the access to the new Information and Communication Tec.

Consistent on all interfacing screens UI is broadly divided into two categories: CLI is first choice of many technical users and programmers. CLI is minimum interface a software can provide to its users. CLI provides a command prompt, the place where the user types the command and feeds to the system. The user needs to remember the syntax of command and its use. Earlier CLI were not programmed to handle the user errors effectively. A command is a text-based reference to set of instructions, which are expected to be executed by the system. There are methods like macros, scripts that make it easy for the user to operate. CLI Elements A text-based command line interface can have the following elements: Command Prompt - It is text-based notifier that is mostly shows the context in which the user is working. It is generated by the software system. Cursor - It is a small horizontal line or a vertical bar of the height of line, to represent position of character while typing. Cursor is mostly found in blinking state. It moves as the user writes or deletes something. Command - A command is an executable instruction. It may have one or more parameters. Output on command execution is shown inline on the screen. When output is produced, command prompt is displayed on the next line. Graphical User Interface Graphical User Interface provides the user graphical means to interact with the system. GUI can be combination of both hardware and software. Using GUI, user interprets the software. With advancing technology, the programmers and designers create complex GUI designs that work with more efficiency, accuracy and speed. Every graphical component provides a way to work with the system. A GUI system has following elements such as: Window - An area where contents of application are displayed. Contents in a window can be displayed in the form of icons or lists, if the window represents file structure. It is easier for a user to navigate in the file system in an exploring window. Windows can be minimized, resized or maximized to the size of screen. They can be moved anywhere on the screen. A window may contain another window of the same application, called child window. Tabs - If an application allows executing multiple instances of itself, they appear on the screen as separate windows. Tabbed Document Interface has come up to open multiple documents in the same window. This interface also helps in viewing preference panel in application. All modern web-browsers use this feature. Menu - Menu is an array of standard commands, grouped together and placed at a visible place usually top inside the application window. The menu can be programmed to appear or hide on mouse clicks. Icon - An icon is small picture representing an associated application. When these icons are clicked or double clicked, the application window is opened. Icon displays application and programs installed on a system in the form of small pictures. Cursor - Interacting devices such as mouse, touch pad, digital pen are represented in GUI as cursors. On screen cursor follows the instructions from hardware in almost real-time. Cursors are also named pointers in GUI systems. They are used to select menus, windows and other application features. Application Window - Most application windows uses the constructs supplied by operating systems but many use their own customer created windows to contain the contents of application. Dialogue Box - It is a child window that contains message for the user and request for some action to be taken. Application generate a dialogue to get confirmation from user to delete a file. Text-Box - Provides an area for user to type and enter text-based data. Buttons - They imitate real life buttons and are used to submit inputs to the software. Radio-button - Displays available options for selection. Only one can be selected among all offered. Check-box - Functions similar to list-box. When an option is selected, the box is marked as checked. Multiple options represented by check boxes can be selected. List-box - Provides list of available items for selection. More than one item can be selected. Other impressive GUI components are:

3: Book engineering the user interface pdf free download

User interface design (UI) or user interface engineering is the design of user interfaces for machines and software, such as computers, home appliances, mobile devices, and other electronic devices, with the focus on maximizing usability and the user experience.

Processes[edit] Printable template for mobile and desktop app design pdf. User interface design requires a good understanding of user needs. There are several phases and processes in the user interface design, some of which are more demanded upon than others, depending on the project. Functionality requirements gathering â€” assembling a list of the functionality required by the system to accomplish the goals of the project and the potential needs of the users. What would the user want the system to do? How technically savvy is the user and what similar systems does the user already use? Prototyping â€” development of wire-frames , either in the form of paper prototypes or simple interactive screens. Usability inspection â€” letting an evaluator inspect a user interface. This is generally considered to be cheaper to implement than usability testing see step below , and can be used early on in the development process since it can be used to evaluate prototypes or specifications for the system, which usually cannot be tested on users. Some common usability inspection methods include cognitive walkthrough , which focuses the simplicity to accomplish tasks with the system for new users, heuristic evaluation , in which a set of heuristics are used to identify usability problems in the UI design, and pluralistic walkthrough , in which a selected group of people step through a task scenario and discuss usability issues. Usability testing â€” testing of the prototypes on an actual userâ€”often using a technique called think aloud protocol where you ask the user to talk about their thoughts during the experience. Graphical user interface design â€” actual look and feel design of the final graphical user interface GUI. It may be based on the findings developed during the user research, and refined to fix any usability problems found through the results of testing. Once a decision is made to upgrade the interface, the legacy system will undergo another version of the design process, and will begin to repeat the stages of the interface life cycle. This standard establishes a framework of ergonomic "principles" for the dialogue techniques with high-level definitions and illustrative applications and examples of the principles. The principles of the dialogue represent the dynamic aspects of the interface and can be mostly regarded as the "feel" of the interface. The seven dialogue principles are: Suitability for the task: Conformity with user expectations: The concept of usability is defined of the ISO standard by effectiveness, efficiency, and satisfaction of the user. Part 11 gives the following definition of usability: Usability is measured by the extent to which the intended goals of use of the overall system are achieved effectiveness. The resources that have to be expended to achieve the intended goals efficiency. The extent to which the user finds the overall system acceptable satisfaction. Effectiveness, efficiency, and satisfaction can be seen as quality factors of usability. To evaluate these factors, they need to be decomposed into sub-factors, and finally, into usability measures. The information presentation is described in Part 12 of the ISO standard for the organization of information arrangement, alignment, grouping, labels, location , for the display of graphical objects, and for the coding of information abbreviation, color, size, shape, visual cues by seven attributes. The "attributes of presented information" represent the static aspects of the interface and can be generally regarded as the "look" of the interface. The attributes are detailed in the recommendations given in the standard. Each of the recommendations supports one or more of the seven attributes. The seven presentation attributes are: The user guidance in Part 13 of the ISO standard describes that the user guidance information should be readily distinguishable from other displayed information and should be specific for the current context of use. User guidance can be given by the following five means: Prompts indicating explicitly specific prompts or implicitly generic prompts that the system is available for input. Error management including error prevention, error correction, user support for error management, and error messages. On-line help for system-initiated and user initiated requests with specific information for the current context of use. Research[edit] User interface design has been a topic of considerable research, including on its aesthetics. One of the structural bases has become the IFIP user interface reference model. The model proposes four dimensions to structure the user

interface: The desire to understand application-specific UI issues early in software development, even as an application was being developed, led to research on GUI rapid prototyping tools that might offer convincing simulations of how an actual application might behave in production use.

4: Interfaces - The Most Important Software Engineering Concept

This volume is organized according to the main areas of both basic and applied research that were presented at the conference: Ergonomics and Human Factors, Usability and Accessibility, Ambient Intelligence and Context-aware Systems, User-Centred Design, Systems and Models for Collaborative Work, HCI in e-Learning, User Interface Design and Development, Virtual and Augmented Reality, Multi-modal Interaction, Ubiquitous Computing Devices and Applications, HCI for People with Special Needs.

How to effectively cut corners, while minimizing technical debt. What is an Interface? In university we learned of a couple succinct definitions for what an interface is that I really like: An interface is a contract between the system and the environment. The interface, therefore, must any part of the interaction between the hands and the computer that is not exclusively attributable to one or the other, but can only be attributed to both. Normally we think of hands and keyboards as being distinctly separate, so the precise boundary of the interface in this case is up for philosophical debate. It is up to the reader to decide whether they consider the entire keyboard, or just the individual atoms that come in contact with the fingers or keyboard to be part of the interface. You might be wondering how this example can relate to the definition of an interface as a contract: The "contract" in this case is the convention that we all spent much effort learning back when we had to program our brains with all the muscle memory to know where all the keys are. There are also more subtle aspects to the contract, like the fact that pressing a key and holding it down has a different meaning than pressing it quickly and releasing. This is a nice bit of philosophy, but what does it have to do with writing software? The system is easy to define: It could be your laptop computer, a computer program, the door to enter your house, or a small piece of source code. What I mean by environment can be defined in terms of the system: First, consider the environment to include the entire universe. So if you consider the laptop example, we could still use the laptop if its internals were made differently but had the same functionality, but once we start changing the keys around or the screen, then we would start having problems interacting with it. Impossible Interfaces A worth-while question is: For example, if you defined an interface that asserted "This function does not return 0. There is no possible implementation that is consistent with both of these assertions. An implementation is the system minus the interface: Let those crazy OOP people change their textbooks to match my definition. Defining implementations this way leads us to other reasonable conclusions: This pushes us to consider the interface to include as little as possible of the physical system, and represent more of a convention. It is almost as if an interface were just a set of promises, guarantees, or some kind of Post-conditions, and pre-conditions are all guarantees about certain properties or behaviour. Before two parties engage in doing business together, they ought to have a contract prepared. The contract spells out what the deliverables are, how much money is paid, and when. Other topics like early termination, indemnification, expenses are all lain out in advance. When the contract is breached, a court or an arbitrator can resolve the situation, but if you forget to define something in the contract, then unexpected surprises are more likely. In a computer program we have the same thing: Modules and functions specify what they want, and sometimes what they will return. A breach of this contract will result in a compile error, a run-time error, program fault, build system or linter failure or even your manager yelling at you. I would go so far as to say that the concept of defining an interface as a "contract" is not even metaphorical. It really is the same concept as a business contract, even though a business contract is typically not as detailed. Patents, Copyright and Interfaces This section does not consist of legal advice and may even be in contradiction with existing law, all statements herein are the opinions of the author. I believe this interpretation is one that appeals to the concerns of both computer scientists and also to legal professionals who aim to protect creative works. Should an interface be patentable? Using the definition included in this article, that an interface is a contract between the system and the environment, I do not believe that interfaces should be patentable, and so far the existing case law seems to agree with me. Should an interface be copyrightable? Using the definition included in this article, that an interface is a contract between the system and the environment, I do believe that the "Source Code" of an interface should be copyrightable. Furthermore, the copyrightable aspects of an interface should extend no

further than the point just before they begin to cover the aspects of an interface that make interfaces so special. The copyright should cover only the medium source code or handwritten copy, but not the guarantees or constraints. If any guarantees or constraints of the interface become inseparable from any part of the medium, then those parts of the medium should be disqualified from copyrightability. If every possible drop-in replacement would cause infringement or require that the third-party software be modified or regress in functionality, then the chosen set of copyrightable attributes are too aggressive and must be reduced. I believe the above test would be appropriate to test for patentability as well. Note that this test would only determine if something is not copyrightable or patentable. It would say nothing about conclusively determining whether it is copyrightable or patentable. An important thing to point out in relation to the above test, is that any criteria that could be considered part of the interface in one language, may not be part of the interface in another language. For example, in Java the order in which functions are declared does not affect program execution. I think the concern among most software developers was that the outcome of the case might set a precedent that would allow copyright or patents to cover parts of interfaces that would cause the above test I proposed to fail. Here are a few quotes from the linked article that are key: If true, the use of identical declarations would not be copyrightable. However, except for three of the API packages, Google did not dispute the fact that it could have written its own API packages to access the Java language. The non-copyrightability of an interface does not need to prevent an individual artistic expression of an interface from being copyrighted. My knowledge of this case only comes from what I can read online, but it would appear to me that Google created verbatim copies of Java source code which happened to include interfaces. Google themselves appears to have been of the opinion that their use of Java required licensing, because prior to Google pursued licensing deals with Sun to license the use of Java. After Sun was acquired by Oracle, the licensing negotiations fell through. The reason I think this representation applies so well is because it clearly emphasizes the importance of the boundary of the module, and how it interfaces with the rest of its environment. Furthermore, the interface of the cube above imposes very strong constraints about how the external world can interact with what is inside. Another example I really like is that of a cell and its membrane: Features on the cell surface like transport and receptor proteins only permit certain things in the extra-cellular matrix to influence what happens inside the cytoplasm according to very specific rules: The dictionary definition of these words is certainly not the same, and even between programming languages these concepts have different meanings. Abstractions and modules can be thought of as something consisting of an interface, and an implementation. Abstraction Leaks As far as I can tell, the idea of an abstraction leak can be traced back to an essay by Joel Spolsky. An important constraint that the map guarantees is that all map keys must be unique: Trying to write a new value to a given key either results in an error, or overwriting the previous value for that key. The result is never to have duplicate keys. An extremely common programmer requirement is to want to iterate over all the keys of the map. Since ordering of keys is not necessarily a guarantee maps provide, you might wonder what order the keys will be in when you iterate over them? Well, the ordering is not defined, because the map interface does not provide any guarantee of ordering. Therefore, any ordering is considered acceptable, but in practice the keys are likely to be sorted in some way. Why would they be sorted? Well, sorting happens to be an efficient way of organizing the data. It can make things like checking for pre-existing keys easier. Iterating over sorted data can produce very different results than iterating over random data. An abstraction leak exists when it is possible for an implementation to affect the environment in a way that was not agreed upon in the interface. Using this definition, it would seem that nearly every abstraction is leaky, because specifying every environmental effect in the interface is only practical in the most rigorous mathematical systems. Problems only occur when a part of the environment begins to rely on one of these unspecified environmental effects that originated from the system in question. These are the problematic abstraction leaks that everybody talks about. This has far-reaching consequences, not only for casual bugs but also in the security domain. There is one well-known phrase related to the security of physical systems, where unintended effects from the system leak into the environment in a way that compromises its security: Combining this with the claim that all abstractions are leaky would give the following conclusion: Every physical implementation of a cryptosystem is vulnerable to a side-channel attack. Quantifying and Comparing Interfaces As we saw above, interfaces in C

specify things like the return type, and the number of parameters that can be passed into a function. But what do interfaces in Python specify? This has the benefit of making the function easier to define and invoke because there is less information to specify, and the disadvantage of less constraints that can be checked ahead of time to detect possible programming errors. I think there is something to be said about comparing and quantifying the different characteristics of an interface in terms of how many ways you can send information through them. This could be done for a specific interface, but also from the perspective of all interfaces that can be specified in a given programming language. It may also be useful for comparing the safety of specific interfaces within the same language. Information Through C Interface.

5: User interface - Wikipedia

The analysis and design process of a user interface is iterative and can be represented by a spiral model. The analysis and design process of user interface consists of four framework activities. User, task, environmental analysis, and modeling: Initially, the focus is based on the profile of users.

A graphical user interface following the desktop metaphor The user interface or human-machine interface is the part of the machine that handles the human-machine interaction. Membrane switches, rubber keypads and touchscreens are examples of the physical part of the Human Machine Interface which we can see and touch. In complex systems, the human-machine interface is typically computerized. The term human-computer interface refers to this kind of system. In the context of computing, the term typically extends as well to the software dedicated to control the physical elements used for human-computer interaction. The engineering of the human-machine interfaces is enhanced by considering ergonomics human factors. The corresponding disciplines are human factors engineering HFE and usability engineering UE , which is part of systems engineering. Tools used for incorporating human factors in the interface design are developed based on knowledge of computer science , such as computer graphics , operating systems , programming languages. Nowadays, we use the expression graphical user interface for human-machine interface on computers, as nearly all of them are now using graphics. Often, there is an additional component implemented in software, like e. There is a difference between a user interface and an operator interface or a human-machine interface HMI. The term "user interface" is often used in the context of personal computer systems and electronic devices Where a network of equipment or computers are interlinked through an MES Manufacturing Execution System -or Host to display information. An operator interface is the interface method by which multiple equipment that are linked by a host control system is accessed or controlled. For example, a computerized library database might provide two user interfaces, one for library patrons limited set of functions, optimized for ease of use and the other for library personnel wide set of functions, optimized for efficiency. Another abbreviation is HCI, but is more commonly used for human-computer interaction. In science fiction , HMI is sometimes used to refer to what is better described as direct neural interface. However, this latter usage is seeing increasing application in the real-life use of medical prostheses -the artificial extension that replaces a missing body part e. A means of tracking parts of the body is required, and sensors noting the position of the head, direction of gaze and so on have been used experimentally. This is particularly relevant to immersive interfaces. Batch interface[edit] IBM In the batch era, computing power was extremely scarce and expensive. User interfaces were rudimentary. Users had to accommodate computers rather than the other way around; user interfaces were considered overhead, and software was designed to keep the processor at maximum utilization with as little overhead as possible. The input side of the user interfaces for batch machines was mainly punched cards or equivalent media like paper tape. The output side added line printers to these media. Submitting a job to a batch machine involved, first, preparing a deck of punched cards describing a program and a dataset. The software interface was similarly unforgiving, with very strict syntaxes meant to be parsed by the smallest possible compilers and interpreters. Holes are punched in the card according to a prearranged code transferring the facts from the census questionnaire into statistics Once the cards were punched, one would drop them in a job queue and wait. Eventually, operators would feed the deck to the computer, perhaps mounting magnetic tapes to supply another dataset or helper software. The job would generate a printout, containing final results or all too often an abort notice with an attached error log. Successful runs might also write a result on magnetic tape or generate some data cards to be used in a later computation. The turnaround time for a single job often spanned entire days. If one were very lucky, it might be hours; there was no real-time response. But there were worse fates than the card queue; some computers required an even more tedious and error-prone process of toggling in programs in binary code using console switches. The very earliest machines had to be partly rewired to incorporate program logic into themselves, using devices known as plugboards. These used a monitor program which was always resident on the computer. Programs could call the monitor for services. Another function of the monitor was to do better error

checking on submitted jobs, catching errors earlier and more intelligently and generating more useful feedback to the users. Thus, monitors represented the first step towards both operating systems and explicitly designed user interfaces. Command-line user interface[edit] Main article: Their interaction model was a series of request-response transactions, with requests expressed as textual commands in a specialized vocabulary. Latency was far lower than for batch systems, dropping from days or hours to seconds. Accordingly, command-line systems allowed the user to change his or her mind about later stages of the transaction in response to real-time or near-real-time feedback on earlier results. Software could be exploratory and interactive in ways not possible before. But these interfaces still placed a relatively heavy mnemonic load on the user, requiring a serious investment of effort and learning time to master. Teleprinters had originally been invented as devices for automatic telegraph transmission and reception; they had a history going back to and had already become well-established in newsrooms and elsewhere by In reusing them, economy was certainly a consideration, but psychology and the Rule of Least Surprise mattered as well; teleprinters provided a point of interface with the system that was familiar to many engineers and users. These cut latency further, because characters could be thrown on the phosphor dots of a screen more quickly than a printer head or carriage can move. They helped quell conservative resistance to interactive programming by cutting ink and paper consumables out of the cost picture, and were to the first TV generation of the late s and 60s even more iconic and comfortable than teleprinters had been to the computer pioneers of the s. Just as importantly, the existence of an accessible screen – a two-dimensional display of text that could be rapidly and reversibly modified – made it economical for software designers to deploy interfaces that could be described as visual rather than textual. The pioneering applications of this kind were computer games and text editors; close descendants of some of the earliest specimens, such as `rogue 6` , and `vi 1` , are still a live part of Unix tradition. This defined that a pulldown menu system should be at the top of the screen, status bar at the bottom, shortcut keys should stay the same for all common functionality `F2` to `Open` for example would work in all applications that followed the SAA standard. This greatly helped the speed at which users could learn an application so it caught on quick and became an industry standard. No overlapping windows tiled instead.

6: UI (Nov), User Interface Conference, Boston USA - Conference

User interface is the front-end application view to which user interacts in order to use the software. User can manipulate and control the software as well as hardware by means of user interface.

7: Software User Interface Design

Ease of operation by the user is crucial for the success of a software solution. Through usability engineering, we create intuitive user interfaces that make even complex applications user friendly.

8: Interface | Definition of Interface by Merriam-Webster

Precise user-interface technologies Specializing in the design and manufacture of membrane switches, graphic overlays, touch screens/touch panels, and rubber keypads. Additional engineering-based solutions include functional die cuts, control panel assemblies, and custom plastic labels.

9: User Interface Engineer Salary | PayScale

Thus, user interface engineers are responsible for making sure people can interact with technology-driven products in an effective manner. Hundreds of companies are producing tools, products, software, and applications to make user interface engineers' jobs more manageable.

Lectures on topological dynamics The NASCAR encyclopedia Beacons of Light (Kinkade, Thomas) Community college conflict QuickBooks 2005 QuickSteps (Quicksteps) Killer on the warbucket The road is very unfair double-edged roads Regulating Health and Safety Management in the European Union The political danger of the day. A letter to the Press. By Lord Balfour of Burleigh. Safecrackers (Rex Jones) Marxism and class theory : a bourgeois critique Erik Olin Wright The love of souls The killing moon book Basin analysis principles and application to petroleum play assessment V. 7 Population by specified ethnic groups Authorized version of the Bible and its influence Cautions about the wrong use of money A memorial sketch by Mrs. John Davis Guns at Muleshoe. HIV causes AIDS Rob Noble War and the second sex Col. David H. Hackworth Tragic fate of Hungary Mountain Bike! San Francisco and the Bay Area Border states slaves Programme-Lowell musicale (1825-1900) Sample blank lesson plan template Mengubah ke jpg gratis Sullivans Music Trivia Developing asp.net mvc 4 web applications book The Zen of Gambling Canadian wonder tales Immigration and the 21st Century U.S. workforce A season for unicorns The fundamentals of engineering thermodynamics Launching a revolution The shaping of Franklin Roosevelt G. Social sciences, general Sam and the lucky money (Soar to success) Introduction to technical services for library technicians A Small Moment of Great Illumination