

Tele Rules

Introduction

Telerule is an intelligent extension to any telecom billing application, or telecom billing enterprise system allowing it to adapt to changing business logic and newer scenarios. It is a versatile solution with help of which your telecom billing applications will become much more powerful, without doing any major coding or redesigning.

The NEED

Today many organizations facing challenge of making run time and short notice business logic changes into existing application according to situation or introducing new concepts without making changes into existing application or dumb existing application and purchase new highly expensive system.

New Concept for Billing Plan	
Normal Process	Telerule Process
Got a New Idea!!! Explain to Technical team 	Got a New Idea!!! No need to Explain to Technical Team 
Create Specs: Risk of wrong understandin 	Open Telerules : Simple Language! You can do it yourself!! 
Change CODE : (Big Risk of spoiling working solution) 	Hey! I am ready to go!! It works!!! 
Cycle of coding and debugging: Loss of Time and Money Loss of opportunity/ business 	<ul style="list-style-type: none"> ✓ Minimum Time, Minimal cost!! ✓ No risk of damaging other parts of code!!! ✓ No dependency on tech team of each change!!
Done with maximum efforts & Excess Money 	

Solution-TELERULE

Telerules is designed to address such problems, it prevents changes into existing billing application and thus prevents th complete cycle of defining requirement, making changes, testing and parallel run of the application. It prevents to buying new expensive billing system by adding intelligence to your existing billing applications, just write the rules for business logic and your application will adapt it intelligently without resulting in slow down of the whole application and without any need of technology specialist

Key Business Benefits

Minimize COST

- No need to change existing telecom billing application
- No need to purchase expensive telecom billing application
- to meet changing business requirement.

Telerule prevents buying new expensive billing system by adding intelligence to your existing billing applications, just write the rules for business logic and your application will adapt it intelligently without resulting in slow down of the whole application and without any need of technology specialist. This nullify the requirement of the purchasing the expensive telecom billing application.

Minimize TIME and EFFORTS

- Minimum time for idea to reality transition
- Easily Applicable and Reversible Process

Telerule application will not required to change or redesign the existing application. This mean it will save huge time and efforts by skipping complete cycle of defining requirement, making changes, testing and parallel run of the application. Since it comes as external application without change into your existing application you can any time plug the Telerule to existing application and can remove when not needed and your existing application work as before telerule

Minimize RISK and Maximize RELIABILITY

- No risk of amending/changing the existing business logic
- No transition from existing billing application will reduce risk of user training and data or business losses

Existing billing application will work same as it is working previously and will take help of telerule when needed to take intelligent step. So no special user acceptance or training

Required. Risk get minimized as the existing application and database is untouched and can be reversed to old application within minimal time this will give benefits that there will not be transition losses such as business opportunity loss, data loss and business logic loss. Telerules comes with Test Interface which provide way to check and compare performance and result reliability of the application.

Minimize RESPONSE TIME for changing business need

Check can your telecom billing application do this,

- Add runtime decision making (intellect) to change the behavior of the telecom billing application.
- Converting current flat rates into flexible rates different for every plan depending upon the peak and off peak time
- Changing tariffs for airtime services based on external application input like customer loyalty points
- Each minute of call costs say x times the previous call. This way the more the subscriber uses, the cheaper the calls.

These are only few examples of what business logic can think of, there can be many interesting options that can be thought of ones you have the possibility of doing them easily using your Billing System.

You can do all these in your existing billing application with Telerule. Your IDEA and minimum time of implementation of Telerule will always keep you ahead of any competitor.

Minimize INTEGRATION AND TRANSITION TIME

Telerules can be implemented as add on to any billing application with variety of platforms UNIX, Linux and windows.

Handling the telerules application to change the business logic not require technology specialist

Though it work with integration of the existing billing application you need not to expose source code to telerules.

OOPS!!

Irrespective of your telecom billing application programming language, operating system platform, database or architecture, telerules provide object oriented wrapper over it.

You can define Plan Hierarchy, and once this is done, creating anything new becomes a small job. Just inherit from the right plan, and make necessary change.

Very intuitive interface for Setup of Plans. This is a complete Plan/ Package Setup application on Windows Platform that helps easy management and creation of Plans.

Interface for Setting up of, Services, Groups, Rates, and Sets of Numbers.

Interface for managing Value Added Services, International calls.

PDL Interface also gives Plan Hierarchy Tree viewer. This helps managing/ searching Plans, Groups much easier.

Your application can be broken in to multiple passes, and you can have different sets of logic for each of the application Pass.

Telecom Billing Process--- Telerule views

- Billing process includes Call Rating, Invoicing (normally a monthly process), printing of invoices etc. These can be defined as passes in PDL system. Passes can work in hand and you can create as much passes as you want.
- Makes Plans, Groups of services, Charging Logic in to objects that can be inherited.
- Anything you cannot fit in the current code logic can be referred to the PDL script, which is a powerful and adaptable tool, which supports simple rule definitions to complex logic writing along with database access.
- You can define Plan Hierarchy, and once this is done, creating anything new becomes a small job. Just inherit from the right plan, and make necessary change.
- Independent layer for PDL System and Data exchange control unit, to keep the existing system intact and unaffected by any changes happening in PDL, thus limiting the testing cycles to only the changes done via PDL system.
- Ability to give sweeping rules that can override all existing rules and logic, for specific cases.

- Highly efficient: Adding intelligence to application does not result in slowing down as would normally be expected. In fact in most cases, this would result in great deal of reduction in Data sizes.
- Very intuitive interface for Setup of Plans. This is a complete Plan/ Package Setup application on Windows Platform that helps easy management and creation of Plans.
- Interface for Setting up of, Services, Groups, Rates, and Sets of Numbers.
- Interface for managing Value Added Services, International calls.
- PDL Interface also gives Plan Hierarchy Tree viewer. This helps managing/ searching Plans, Groups much easier.
- Your application can be broken in to multiple passes, and you can have different sets of logic for each of the application Pass.

All these and much more you can achieve using the Telerules add on to your existing application. TeleRule and its uses are not limited to only telecom or billing system, but we can customize it for any domain and for any application.

Please click here to know more:

http://www.mechsoftgroup.com/tele_rules.html