

and it is the standard language proposed by the Object Management Group to specify both unidirectional and bidirectional model transformations.

The process of UML-to-UML software model transformation can be implemented by the following exemplary description. At first, the Use Case diagram is drawn in Rational Software Architect. This is how a source model is obtained. Then this model is prepared for usage in MediniQVT. For the transformation to happen, a QVT-R script must be present, that describes how to transform a Use Case model into a Class model. The rules are applied to a source model to obtain a target model. The target model is then prepared for usage in Rational Software Architect. To visualize obtained Class model, a class diagram is created in this model and generated class model elements are put onto the drawing surface. As a result, a class diagram was obtained that has classes with operations that correspond to actors linked with use cases using associations in a use case diagram.

In conclusion, UML-to-UML software model transformation is a technique that could advance the software development process by emphasizing the application of software models for facilitated code writing in a Model-Driven Development.

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HOW BINARY OPTIONS ARE PERCEIVED IN UKRAINE

During recent years, binary options (digital options) are becoming more popular as a format of financial trading.

All-or-nothing options (another name for binary options) generate either profit or nothing. Thus, the profit is fixed and such options are known as options with fixed profit (FROs-Fixed Return Options). Binary options allow you to know exactly the amount of benefits and risks before a contract is set up, that enables easy control of a large number of commercial transactions.

Binary options are similar to traditional options, in the sense that it`s payouts depend on the price of the underlying asset at the end of the contract validity. However, in binary options the value has only the trend of asset`s price change, but not the magnitude of the change.

The main difference between binary options and traditional options is the scope of the potential profit or loss. Binary options are also known as fixed return options

(FRO), because the profit is stipulated in contract in advance unlike in traditional options. Traditional option`s risks are much greater because the potential profit is indefinite, although the risk can be reduced by using stop-loss order.

In Ukraine binary options appeared not so long ago. Although such world`s largest stock exchanges such as Chicago`s (CBOE) and American (AMEX) have been operating them since 2008. While Ukrainian market is rising, so is the number of traders and brokers.

According to the information issued, there are four reasons why people choose binary options:

1. **Risk management.** You will know how the possibility of obtaining profit or suffer losses of any asset.
2. **High profitability.** The yield on investments in the forecast may exceed the return on asset purchases, as the profit from the forecast can be obtained regardless of how much the value of the asset has changed.
3. **Low entry.** You don`t need big cash investment to open an account. 150 dollars is enough for beginners to start of trading.
4. **Ease.** Binary options don`t require deep knowledge about an asset. General information is enough to make price`s change forecast.

However, there are some disadvantages of binary options:

1. **The possibility to lose up to 100% of your investments.** If your forecast is not right, only 10-15% of your money can be returned.
2. **Lack of supporting tools.** Unlike with traditional options, traders don`t see supporting graphics, lines etc. There are only two buttons: “put” and “call”.
3. **Insufficient information in the Russian or Ukrainian language.** It can make a problem for Ukrainians who don`t know English well enough to find essential information about binary options in the native language.
4. **Lack of demo-account.** As the process of binary options trading is very easy, the platforms don`t provide traders with demo-accounts, that are familiar to forex traders.

Before starting trading, you need to realize that there are no guarantees that you will make profit from since your first time. There are many special strategies developed by experienced traders on how to use binary options to maximize profit and minimize risks.

Summing up, I can say that despite the fact that binary options have been already in use in Ukraine, many Ukrainians invest their money into this on foreign web-sites. According to materials of official web-sites and other resouces, most binary options are secure, but it is important to clearly realize that your reward will directly depend on your entrepreneurial skills, experience and talent.

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