



VEBKO ONLINE HELP

Introducing “XRIO”

Category	tester
Section	Modules Toolbar and Statusbar
Language	English
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The first matter that should be discussed in the "XRIO" part of the instruction is the reason for turning to these files. The first reason was that "RIO" files did not have a specific set of standards for coding. For example, if from the list of "RIO" files of the relays on the "Load XRio and Rio File From list" page which is provided in the software, the () and () files are opened in the notepad, you can see that these two files have different coding and there is no specific standard to them.

The second reason was that when an "RIO" file was loaded, only "RIO" information was available. "RIO" information is that into which all relay settings can be compiled. For example, when "Distance" characteristic of the "Micom" relay is translated and the characteristic curve is formed, there is some information that is not inserted into the software. For example, it is possible that it exists in the relay of "power swing blocking" function but its information is not inserted into the "RIO" because, basically, it is not possible to do so. The third reason was that specification changes of the relay were not the same in relay and the software. It means that, if the user made a change to the translated "RIO" which was a known format, it is not clear that which settings needed to change in the relay so that it could follow the curve of specified characteristics. The fourth reason was that if a parameter was changed from the setting of the relay, it was necessary to get those settings, again, from the "RIO" relay and this file had to be loaded and translated in the software so that the relay and software settings were exactly the same.

The second important matter which is related to "XRio" is that the user needs to know the components of an "XRio" file and what happens when it is loaded in the Vebko software. To explain this a little further, a "XRio" file is loaded from the "Micom p441" relay. You can see that the first thing that happens is that a "SCRIPT FUNCTION" and a tree diagram of the settings are formed in this section of the software. In the end, the "RIO" which is a translated version of the relay characteristics is completed. We will discuss more the concept of "XRIO" and its components in future videos.

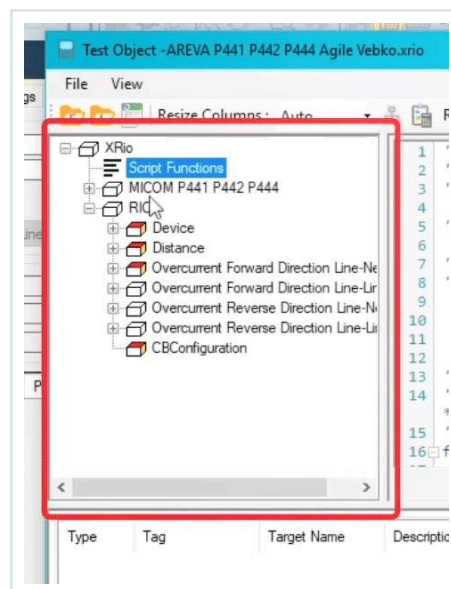


Figure 1



[jg1]Introducing_XRIO