



**TRADING  
TECHNOLOGIES**

# INTRODUCING THE TT USER SETUP API

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## Introducing the TT User Setup API

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### What is the TT User Setup API?

The TT User Setup API provides a programmatic interface to TT User Setup, providing software developers the tools for creating custom applications. For example, a developer could create applications that update risk limits or create a "kill switch" application that turns off trading for a user or account.

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### What are some of the risk management features that the TT User Setup API offers?

You can use the TT User Setup API to create stand-alone applications or applications that integrate with your proprietary risk management systems. For example, events in your internal systems could trigger an update in TT User Setup that would reduce a trader's credit limit. Other capabilities include the ability to:

- Set maximum position and order size limits on a per-product basis
- Turn off trading per account, account group, or user
- Configure the products that a trader or account is allowed to trade

You could also use the TT User Setup API to obtain current risk limit configurations and to be alerted to updates.

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### What else can I do with the TT User Setup API?

You can also create TT User Setup API applications to:

- Update currency exchange rates
- Update product margin values
- Update user properties, such as "TT API allowed"
- Add and update users' customer defaults

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### Where can a developer find information about the classes?

The TT User Setup API integrates its documentation with Microsoft Visual Studio, so a developer can access information about the API classes and members using Visual Studio's familiar tools. For example, when adding a method call to the code, the developer can access tool-tip help for that method by hovering over a class, as shown below:

```
{  
    foreach (ProductMargin productMargin in product.ProductMargins.Values)  
    {  
        class TTUSAPI.DataObjects.ProductMargin (productMargin);  
    }  
}
```

In addition to tool-tip help, developers using the Visual Studio Object Browser can access more detailed information about a member function or property, as shown in the following illustration:

