

XMLTools.h header for C++ projects

Although aimed to XML programmers, some XMLTools classes can be useful also to C++ coders. XMLTABLES class is maybe the most significant in this case, but also XMLEVENTS, SIMVARS and XMLKEYS might be suitable as well.

To access these classes, *XMLTools.h* header is provided as a simple interface to XMLTools' module.

Here is an example on how to call XMLTools class functions from within a typical gauge:.

```
void FSAPI MyGaugeCallBack( PGAUGEHDR pgauge, SINT32 service_id, UINT32 extra_data )
{
    static XMLTools XMLTools;

    switch (service_id)
    {

    case PANEL_SERVICE_CONNECT_TO_WINDOW:
    {
        XMLTools.Instance("SIMVARS");
        XMLTools.Instance("XMLTABLES");
        XMLTools.Instance("XMLKEYS");
        XMLTools.Instance("XMLEVENTS");

        // XMLevents class
        XMLTools.SetString("PROP_PITCH1_INCR","XMLEVENTS","EventName");
        XMLTools.SetString("7 (>L:Prop1 Has Changed,enum)","XMLEVENTS","EventString");

        // XMLKeys class - Disable Engine AutoStart
        XMLTools.SetString("Ctrl+e","XMLKEYS","KeyName");
        XMLTools.SetString(" ","XMLKEYS","KeyString");
        XMLTools.SetNumber(0,"XMLKEYS","KeyCaptureOn");

    }

    case PANEL_SERVICE_PRE_UPDATE:
    {
        // SIMVars class
        XMLTools.SetNumber(1230,"SIMVARS","Fuel Tank Left Aux Quantity");
    }

    case PANEL_SERVICE_DISCONNECT:
    {
        XMLTools.Release();
        break;
    }

    }
}
```

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