# Create a layout using ObjectARX

## 0001

<http://adndevblog.typepad.com/autocad/2012/06/create-a-layout-using-objectarx.html>

The following code creates a layout and sets the plot configuration to default settings. The AcDbPlotSettingsValidator class functions is an ideal way which helps to alter default settings.

AcDbDatabase \*curDocDB

            = acdbHostApplicationServices()->workingDatabase();

 AcApLayoutManager \*pLayoutMngr

     = dynamic\_cast<AcApLayoutManager \*>

        (

            acdbHostApplicationServices()->layoutManager()

        );

 if(pLayoutMngr != NULL)

 {

     ACHAR\* nextLayoutName

                    = pLayoutMngr->getNextNewLayoutName(NULL);

     AcDbObjectId layoutId = AcDbObjectId::kNull;

     AcDbObjectId btrId = AcDbObjectId::kNull;

     pLayoutMngr->createLayout(nextLayoutName, layoutId, btrId);

     // initialises AcDbLayout with appropriate defaults

     pLayoutMngr->setDefaultPlotConfig(btrId);

     // setting as current layout

     pLayoutMngr->setCurrentLayout(nextLayoutName);

     pLayoutMngr->updateLayoutTabs();

 }

Posted at 06:53 PM in [AutoCAD](http://adndevblog.typepad.com/autocad/autocad/), [Balaji Ramamoorthy](http://adndevblog.typepad.com/autocad/balaji-ramamoorthy/), [ObjectARX](http://adndevblog.typepad.com/autocad/objectarx/) | [Permalink](http://adndevblog.typepad.com/autocad/2012/06/create-a-layout-using-objectarx.html)