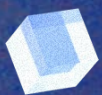


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# 低代码技术的历史和现状

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# 低代码的历史



所见即所得

IBM RAD

VPL

代码生成器

SAAS

LowCode



# 低代码的分类



产品内二次  
开发工具

金蝶  
用友

平台内应用开  
发工具

PowerPlatform  
SalsForce  
宜搭

通用型

OutSystems  
Mendix  
WtmPlus





# 实现低代码平台



## 基础

产品/平台/框架

用户, 角色,  
组织结构, 页  
面权限, 数据  
权限, 日志,  
流程, 图表,  
抽象数据操作  
等

## 前台交互

控件拖拽  
实时渲染

## 代码生成

合理的数据结构  
模板替换  
T4  
自主引擎

## 运行/预览

Dotnet命令行  
Vite

# 实际演示WtmPlus低代码平台

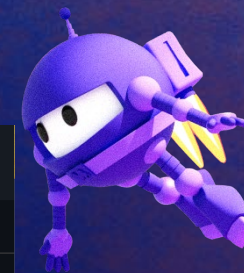
http://wtm.plus

100%源码可控  
多种前端技术可选  
支持国产化

The screenshot displays the WtmPlus low-code platform interface. At the top, there is a navigation bar with the logo 'WTMPLUS' and several menu items: '后台首页布局', '资源维护', '导入', '预览', '下载', '工作台', and a search icon. Below the navigation bar, there are several tabs and buttons: '项目管理器' (Project Manager), '转到前台项目' (Switch to Frontend Project), '折叠管理器' (Collapse Manager), '当前位置: BasicData/Student/Create' (Current Location: BasicData/Student/Create), '粘贴页面组件' (Paste Page Component), '保存' (Save), '清空' (Clear), and '属性' (Properties).

The main workspace is divided into three sections:

- Left Panel (Project Manager):** A tree view showing the project structure. The 'BasicData' folder is expanded, showing sub-folders like 'City' and 'Student'. The 'Student' folder is further expanded, showing pages like 'Create', 'Edit', 'Index', 'Details', 'Import', and 'BatchEdit'. The 'Create' page is currently selected.
- Center Panel (Form Editor):** A visual editor for creating forms. It shows a '容器' (Container) containing a '表单' (Form). The form has two rows of containers. The first row contains a '姓名' (Name) input field and a '生日' (Birthday) date picker. The second row contains a '照片' (Photo) upload button and a '手机' (Mobile) input field. Below the form, there are two '列表' (List) components, each showing '无数据' (No data) and a '0/0' count. There are also '提交' (Submit) and '关闭' (Close) buttons at the bottom right of the form editor.
- Right Panel (Properties):** A panel for configuring the selected component. It includes sections for '属性' (Properties), '页面属性' (Page Properties), and '菜单显示' (Menu Display). The '页面名称' (Page Name) is set to 'Create', and the '页面描述' (Page Description) is set to '新增' (Add). There is a toggle switch for '菜单显示' (Menu Display).





# 低代码未来展望



## 技术瓶颈

复杂逻辑的配置无法实现，或实现的效果还不如直接写代码。

## 主要问题

自定义困难  
平台依赖  
代码同步

## 未来展望

通用型平台  
会继续在  
VPL上发力

细分领域的  
平台会大量  
涌现



# Thank you!

Let's build amazing apps with .NET 7  
[get.dot.net/7](https://get.dot.net/7)

