



GroupWareSolution
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EASYBuilder – Build & Run

EASYBuilder is simple way solution for making simple reliable multilanguage applications, Product Terminal and multimedia applications. This is C#/XAML NET 4.5 project working with standard RESTFULL API server. [\[EASYDATACenter\]](#)

Project is Fully customizable with full graphics properties
[touch size, color, functions]

Simple Project is universal based on Modern MetroFramework with globalized templates, languages and comments for simple developing.

Its ideally Template developing project for IT companies department, schools and other EASYBuilder Developers, who needs Quick resolution of requests with High Quality Product Based On OS Windows.

Project is conceived for Production and business Companies, which need fast solve new Task from this modern Time. From this project can be projected FULL INFORMATION SYSTÉM with own FYIReport designer, EAN, QR, STL, PDF, DOC, MP3, MP4 etc...

The project already contains everything needed for a full-fledged system. It is continuously updated with new features for free. **You can request custom modification directly to you.**

Now you only need elementary school knowledge to develop an app. It is a very simple solution to solve any requirement of today.



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Windows Application running

Windows XP (Productions, Bussines Terminals, PC, Servers, PC Terminals)
Windows XP, Vista
Windows 7, 8,10,11

Used technologies

Connections on Standard RESTFULL GET,POST,PUT,DELETE
C#, XAML, NET4.5, Metro / Dragablz /Aero Framework, Crypto, JSON, UTF8,
MultiLanguages, Shared Methods, Shared Handlers, Shared Events, FORM, SETTING,
VIEW,FORM/VIEW Templates, Fully Responsive, Touch size Editable, Graphics Editable,
Build & Run

Developing application

Application is prepared with simple model UserRoleList, UserList and LoginHistory tables for fast learn of next developing. In applications are every methods concepted for multiusing (all menu items over one method, API call over API Type method, ETC...)
Friendly customized Graphics engine, for every nature.

Prepared for Fast Start and Creation any System

DATASET Class – Definition of basic one dataresult of solving dataview
DATAVIEW Form Template – for simple show datalist (Invoice List for example)
DATAFORM Template – Full View and Detail Form, 3D, STL, DOC, PDF, AUDIO, VIDEO, etc..
Shared Graphics Methods, Touch Menu Items, Vertical Menu, shared Api calls, etc..

Ideally for Companies and Schools

Project is Absolutly prepared for simle learn and training use standard daily logic from normal life.
The difficulty of development is at the level of table knowledge.
Don't let your developers keep making excuses about complexity or they will soon be replaced by grade schoolers.
Join the evolution where everything complex consists of a bunch of simple actions.
Our development application is fully prepared for this.

Super Action

Send a license purchase request to Email or order in the Eshop.
The full version to try can be downloaded now in the Eshop link.
Documentation for download in the Eshop in item detail.
The development of any IS system superstructure, terminal is a job for a few days.
Get this simple solution up and running within 1 hour of ordering.



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SAMPLES

JSON configuration Sample

```
{
  "ApiAddress": "http://127.0.0.1:5000",
  "WriteToLog": true,
  "ServerCheckInterval": 5000,
  "CloseFormAfterSave": true,
  "TopMost": true,
  "ActiveNewInputDefault": true,
  "DefaultLanguage": "{ \"Name\": \"System\", \"Value\": \"system\" }",
  "ShowVerticalPanel": true,
  "ThemeName": "Base Light",
  "AccentName": "Green",
  "ServiceName": "EASYDATACenterWinService"
}
```

Language Definitions Sample

CZ

```
<system:String x:Key="closeAppQuestion">"Opravdu chcete ukončit aplikaci?"</system:String>
<system:String x:Key="end">Ukončit</system:String>
<system:String x:Key="cancel">Zrušit</system:String>
<system:String x:Key="appName">EASYBuilder Application</system:String>
<system:String x:Key="appDescription">EASYBuilder Application</system:String>
```

EN

```
<system:String x:Key="closeAppQuestion">"Do you really close Application?"</system:String>
<system:String x:Key="end">End</system:String>
<system:String x:Key="cancel">Cancel</system:String>
<system:String x:Key="appName">EASYBuilder Application</system:String>
<system:String x:Key="appDescription">EASYBuilder Application</system:String>
```

Shared API Call Sample

```
public static T GetApiRequest<T>(ApiUrls apiUrl, string key = null, string token = null)
{
    using (HttpClient httpClient = new HttpClient()){
        try {
            if (token != null) { httpClient.DefaultRequestHeaders.Authorization = new AuthenticationHeaderValue("Bearer", token); }
            string json = httpClient.GetStringAsync(MainWindow.Setting.ApiAddress + "/" + apiUrl +
                (!string.IsNullOrEmpty(key) ? "/" + key : "")).GetAwaiter().GetResult();
            return JsonConvert.DeserializeObject<T>(json);
        } catch { return (T)new Object(); }
    }
}
```

Each Same Form (Only other data) DataView Load Method Sample

```
InitializeComponent();
Functions.SetLanguageDictionary(Resources,
JsonConvert.DeserializeObject<Language>(MainWindow.Setting.DefaultLanguage).Value);
LoadDataList();
setRecord(false);
```

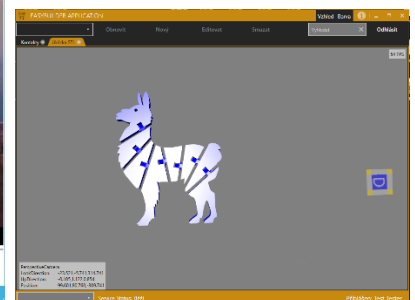
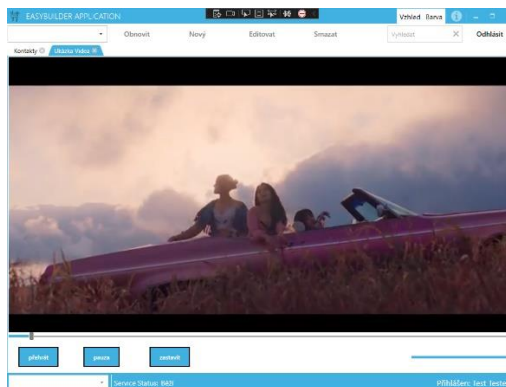
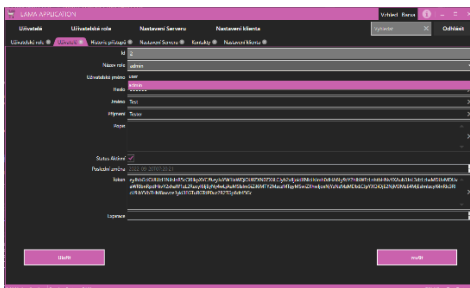
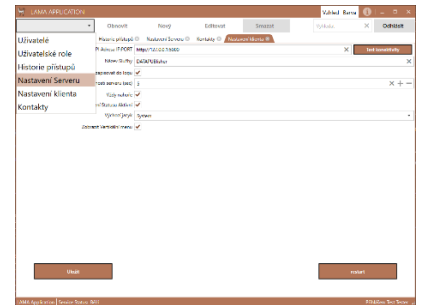
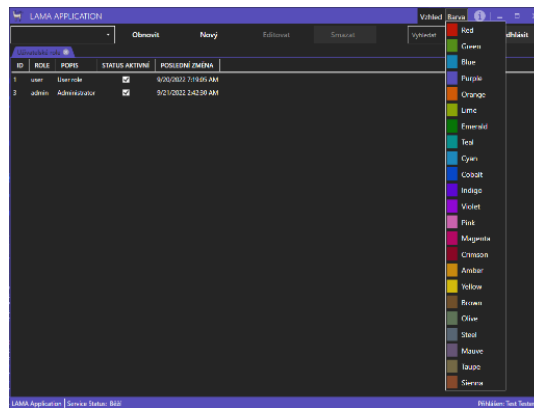
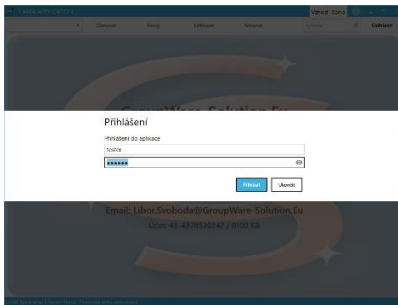


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Each Same Filter DataView Method sample

```
public void Filter(string filter)
{ try {
    if (filter.Length == 0) { DataViewSupport.FilteredValue = null; DgListView.Items.Filter = null; return; }
    DataViewSupport.FilteredValue = filter;
    DgListView.Items.Filter = (e) => {
        TemplateClassList user = e as TemplateClassList;
        if (
            user.Name.ToLower().Contains(filter.ToLower())
            || user.Description.ToLower().Contains(filter.ToLower())
        ) return true;
        return false;
    };
} catch { } }
```

SCREENSHOTS



Literature & fast HELP:

<https://www.c-sharpcorner.com/article/what-is-power-bi-report-builder-and-how-to-design-paginated-report-using-power-b/>
<https://github.com/majorsilence/My-FyiReporting/releases>
<https://mahapps.com/api/MahApps.Metro.Controls/>
<https://helix-toolkit.github.io/>
<https://www.c-sharpcorner.com/UploadFile/mahesh/viewing-word-documents-in-wpf/>
<https://techcohere.com/post/Create-PDF-File-From-WPF-Window-using-iTextsharp-1001>
<https://www.c-sharpcorner.com/UploadFile/mahesh/viewing-word-documents-in-wpf/>