TritiumGanttView

Plan tasks on a Gantt chart with dependencies, calendars, resources, and a critical path.

Install

TritiumGanttView is part of Tritium UI for .NET MAUI. Add the package source from your license to your NuGet configuration, then restore from there. These packages are not on the public NuGet Gallery.

The URL below is a placeholder. Replace it with the package source on your license. This site does not publish that URL.

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <packageSources>
    <add key="TritiumApps" value="FEED_URL_FROM_YOUR_LICENSE" />
  </packageSources>
</configuration>
```

Reference the package on your license that includes TritiumGanttView.

Platforms

Android, iOS, Mac Catalyst, and Windows 10 version 19041 and later (.NET 10 MAUI). Print shows the Windows print dialog when a window is available; other platforms write a PDF and open it.

Basic example

Declare this namespace on the page.

```
xmlns:gantt="clr-namespace:Tritium.Maui.Gantt;assembly=Tritium.Maui.Gantt"
<gantt:TritiumGanttView ItemsSource="{Binding Tasks}"
                        Zoom="Week"
                        ShowCriticalPath="True"
                        AllowDrag="True"
                        AllowDependencyEdit="True" />
```

Features

• Show a task grid beside timeline bars, and bind your own objects with a mapping or use TritiumGanttTask.
• Zoom by day, week, or month, and shade non-working days from a project calendar.
• Link tasks finish-to-start, start-to-start, finish-to-finish, or start-to-finish, with lag, and draw or delete links on the chart.
• Drag to move a bar, resize a segment, and update progress, with multi-step undo and redo.
• Highlight the critical path, show baselines and milestones, and enforce dependency dates.
• Indent a hierarchy with ParentId, split a task, and apply schedule constraints such as start-no-earlier-than and must-start-on.
• Assign resources, show overload, level the schedule, and open a resource histogram.
• Host more than one project, choose task-grid columns, and put text on the bars.

• Edit a task in the properties dialog, export a PNG or a vector PDF, and print (Windows dialog, or open the PDF elsewhere).

Main API

• **ItemsSource.** The tasks, or your objects when TaskMapping is set.
• **Zoom.** Day, week, or month time scale.
• **ShowCriticalPath.** Highlights tasks on the critical path.
• **TaskChanged.** Fires after a bar move, resize, or other task edit.

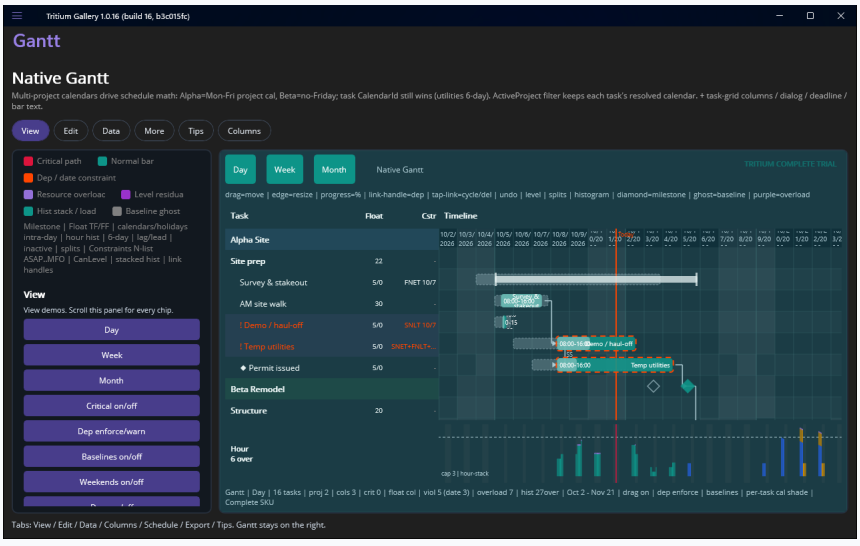
Accessibility

• Give the control a visible name on the page, the same way you label any .NET MAUI view.
• Pick theme colors with a clear difference between the text and the surface behind it. The theme packs do not add a separate contrast mode. The difference comes from the colors you choose.
• Do not use color as the only way to tell two states apart.
• Try the page with the platform screen reader on Android, iOS, Mac Catalyst, and Windows.
• Keyboard access follows the .NET MAUI view. Check the control on each platform you ship.

Tips

• Restore TritiumGanttView from the package source on your license. These packages are not on the public NuGet Gallery.
• Reference the package on your license that includes TritiumGanttView.
• Target frameworks are net10.0-android, net10.0-ios, net10.0-maccatalyst, and net10.0-windows10.0.19041.0. Minimum OS versions are Android 21, iOS 15, Mac Catalyst 15, and Windows 10.0.17763.

Screenshot



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