

# Blazor Roadmap

## Tools

- 1 .NET CLI
  - 2 Visual Studio
  - 3 Postman
- Visual Studio Code
  - Rider

## Hosting Models

- Blazor Server
- Blazor Web Assembly

## Pages

- @page
- @code
- Partial class

## Layouts

- Default Layout
- Custom Layout
- Override Layout
- Nested Layout
- Inheritance Layout

## Components

- Custom Component
- Binding
- Parameter
- RenderFragment
- EventCallback
- Cascading Parameters
- SupplyParameterFromQuery
- Render Tree
- Render Tree Builder

## Routing Navigation

- Route
- Route Parameters
- Constraints
- Query String
- Hyperlinks
- NavigationService

## Forms

- EditForm
- Validations
- Submit
- Upload files

## Dependency Injection

- Register
- @inject
- [Inject]

## HttpClient

- Factory
- Named
- Strong typed

## Wygląd

- CSS
- CSS isolation

## Real Time Communication

- SignalR

## JavaScript Interop

- Calling JavaScript
- Calling Blazor
- JavaScript isolation

## State Management

- LocalStorage
- SessionStorage
- Fluxor

## Optimalizacja

- Virtualization
- Lazy Loading

## Identity

- Authentication
- Authorization
- JWT Tokens
- Claims
- Roles
- Policies
- [Authorize]
- AuthorizeView

## Component Testing

- bUnit