

NavigationRail



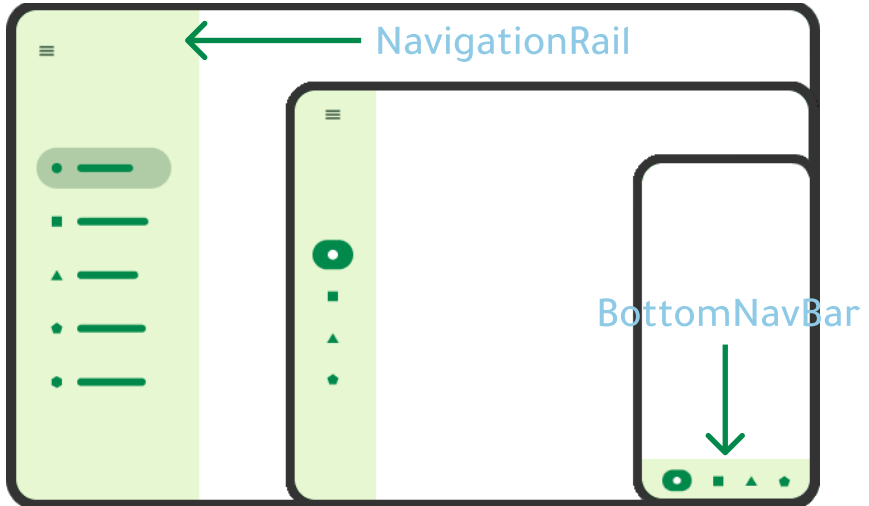
BottomNavigationBar
VS
NavigationRail





BottomNavigationBar VS NavigationRail

NavigationRail is often used on larger screens, but you can make it adaptive by using it in combination with a **BottomNavigationBar** on smaller screens.





What is the NavigationRail Widget ?

NavigationRail is a widget that provides a **side** navigation option, typically used on **larger screens** like tablets or desktop layouts. It offers a way to organize navigation items **vertically** on the left side of the app

- ✓ Allows for a vertical navigation layout on the side.
- ✓ Great for responsive layouts, especially when switching between mobile and larger screens.
- ✓ Can be customized with labels, icons, or a combination of both.
- ✓ It can handle a large number of destinations (buttons).





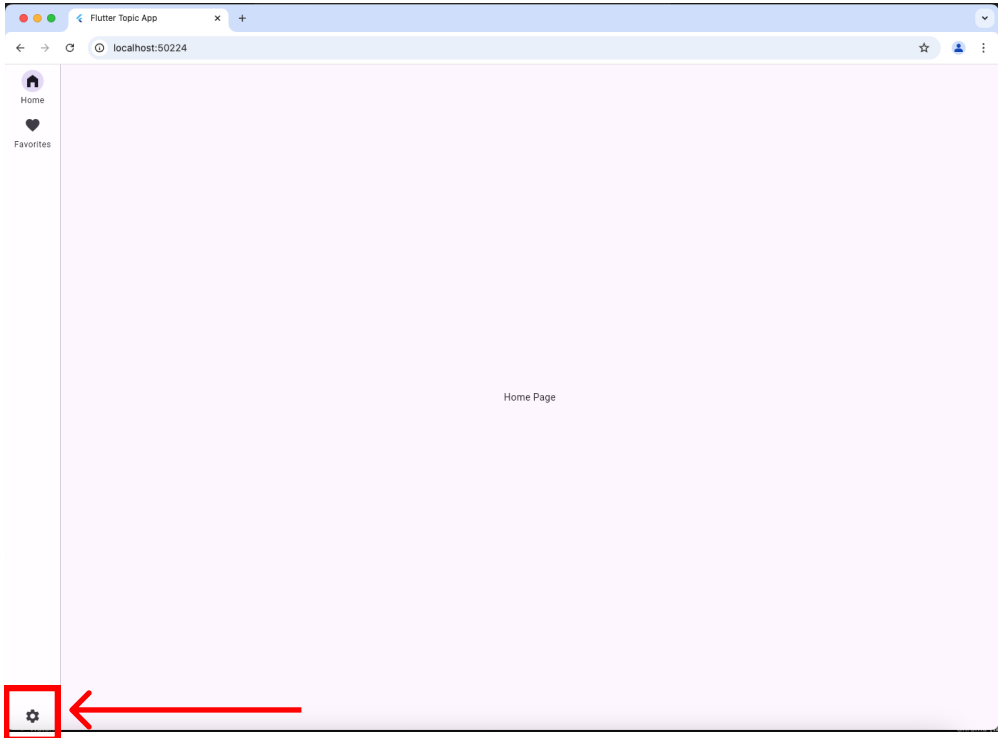
Ex: Basic NavigationRail

```
1  NavigationRail(  
2    selectedIndex: _selectedIndex,  
3    onDestinationSelected: _onItemTapped,  
4    backgroundColor: Colors.white70,  
5    indicatorShape: const CircleBorder(),  
6    useIndicator: true,  
7    labelType: NavigationRailLabelType.all, // Labels are always shown.  
8    /* Settings  
9    trailing: Expanded(  
10     child: Align(  
11       alignment: AlignmentDirectional.bottomEnd,  
12       child: IconButton(  
13         onPressed: () {},  
14         icon: const Icon(Icons.settings),  
15       ),  
16     ),  
17   ),  
18   destinations: const [  
19     NavigationRailDestination(  
20       icon: Icon(Icons.home),  
21       selectedIcon: Icon(Icons.home_filled),  
22       label: Text('Home'),  
23     ),  
24     NavigationRailDestination(  
25       icon: Icon(Icons.favorite),  
26       selectedIcon: Icon(Icons.favorite_rounded),  
27       label: Text('Favorites'),  
28     ),  
29   ],  
30 ),
```





The final result 🤖





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THANK YOU



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