

## API reference



# AutoDeviceSelector Class

Implements [DeviceSelector](#)*Modifiers: final*

A device selector that automatically selects an optimal device from the provided device set. Uses a reactive stream approach that maintains device selection across availability changes, only switching devices when the currently selected device becomes unavailable.

## Constructors

**AutoDeviceSelector (**  
deviceRanking )

### Signature

```
constructor(deviceRanking:  
Comparator<DeviceMetadata>))
```



### Parameters

**deviceRanking:** `Comparator<DeviceMetadata>` A comparator function used to rank and select from available devices when the current device is no longer available. The default ranking prioritizes available devices first.

### Returns

[AutoDeviceSelector](#)

## Functions

**activeDevice (**  
devices )

Returns a flow that emits the currently active device identifier.

This flow will emit updates whenever the active device changes based on the selector's logic. The flow may emit null if no device is currently selected or available.

### Signature

### Parameters

**devices:** `Flow<Set<DeviceIdentifier>>` A flow that emits the set of available devices. you can access from `{Wearable.devices}`

### Returns

`Flow<DeviceIdentifier?>` A flow that emits the active device identifier, or null if no device is active

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