

Problems with: `Application.Current.Properties` (store and reload properties persistent on device)

I want to store some properties (settings to my app) persistent on device and have a very strange behavior. Principally, I need the properties in constructor (`public App()`), as I have to query data from web-service (as soon as possible after app-start). As in the Xamarin-documentation it's not clear, if the properties are accessible in the constructor, I have placed the code for now in the `OnStart()`-Event (this should work anyway).

In my code, I have:

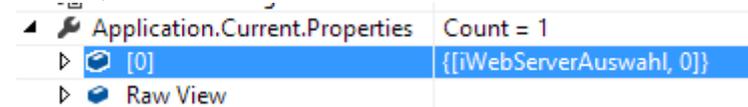
```
protected override void OnStart()
{
    if (!Application.Current.Properties.ContainsKey("iWebServerAuswahl"))
    { Application.Current.Properties["iWebServerAuswahl"] = 0; }
    GV.iServerWahl = Convert.ToInt32(Application.Current.Properties["iWebServerAuswahl"]);
}
```

Problem-description:

Windows Phone (Nokia Lumia 930 Device):

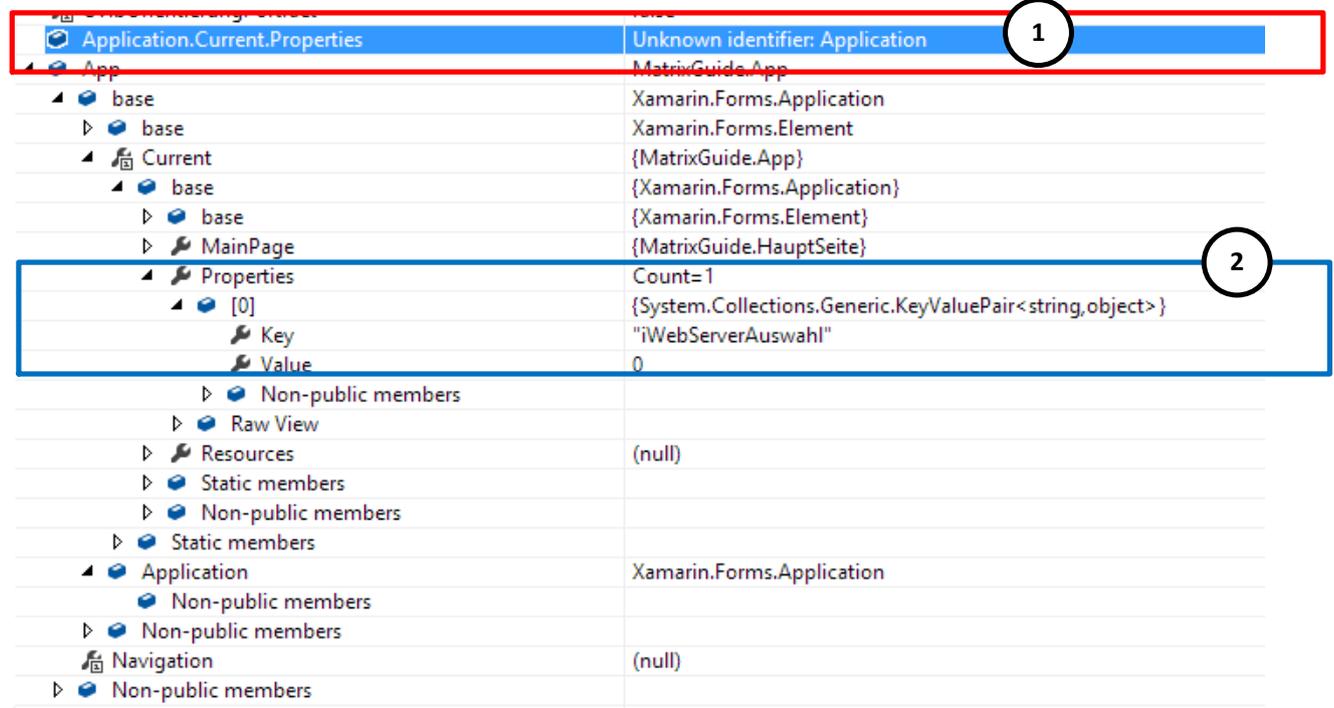
In WindowsPhone, all works as expected:

In debugger, I can see that `Application.Current.Properties` is accessible, and also contains the property:



This is also true, if I place the code in constructor (`public App()`)

Android (Samsung T900 tablet):

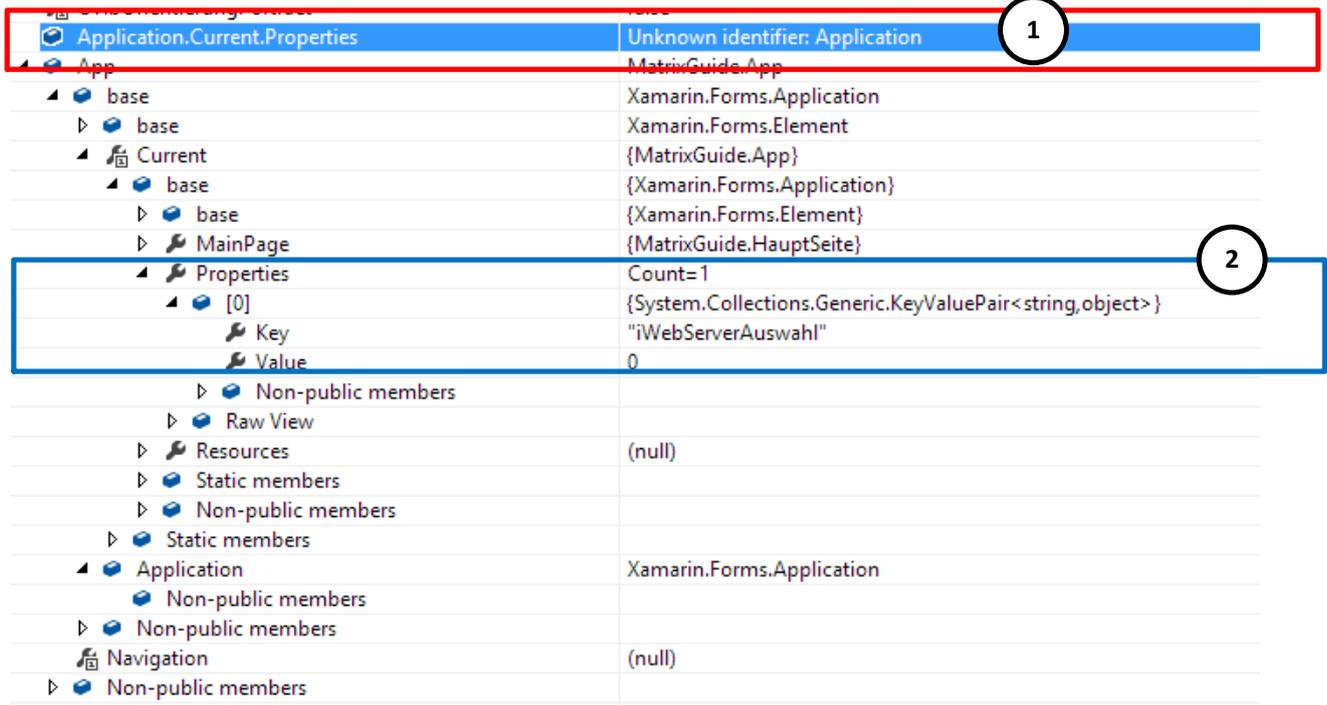


- I can't access `Application.Current.Properties` in debugger (1). I only see an error-message "Unknow identifier: Application"
- This problem (Unknow identifier) remains in the whole app (also if I access it later on a detail-page)
- After I have set the property (`{ Application.Current.Properties["iWebServerAuswahl"] = 0; }`), I can see in the `App-Object` (2), that the property is set, but i still can't access the `Application-Object` (1)

The properties then are **not** stored persistent on the Android-device.

iOS (iPhone 5):

Same behavior as in Android to access the application-object:



- I can't access `Application.Current.Properties` in debugger (1). I only see an error-message "Unknow identifier Application"
- This problem (Unknow identifier) remains in the whole app (also if I access it later on a detail-page)
- After I have set the property (`{ Application.Current.Properties["iWebServerAuswahl"] = 0; }`), I can see in the **App-Object (2)**, that the property is set, but i still can't access the Application-Object (1)

In difference to Android, the properties are stored persistent on the iPhone.

Conclusion:

- Only WP works fully as expected
- Very strange behavior in iOS and Android with **debugger** (Unknow identifier: Application)
- In iOS, the properties are stored and restored
- ***In Android, the properties are not stored***