

## QGIS Application - Bug report #20320

### QgsMapCanvas setDestinationCrs doesn't work as expected

2018-11-01 06:23 PM - Matthew Jurewicz

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Map Canvas	
<b>Affected QGIS version:</b> 3.2.3	<b>Regression?:</b> No
<b>Operating System:</b> Windows 10	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 28141

#### Description

The following Python code shows how the destination CRS isn't set the 2nd time:

```
crs = QgsCoordinateReferenceSystem()
crs.createFromProj4('+proj=tmerc +ellps=WGS84 +datum=WGS84 +no_defs')
iface.mapCanvas().setDestinationCrs(crs)
iface.mapCanvas().mapSettings().destinationCrs().toProj4()

crs = QgsCoordinateReferenceSystem()
crs.createFromProj4('+proj=tmerc +ellps=WGS84 +datum=WGS84 +no_defs +lon_0=1 +lat_0=1')
iface.mapCanvas().setDestinationCrs(crs)
iface.mapCanvas().mapSettings().destinationCrs().toProj4()
```

#### History

##### #1 - 2018-11-01 06:34 PM - Matthew Jurewicz

It looks like the issue is a naive `QgsCoordinateReferenceSystem ==` operator.

##### #2 - 2018-11-01 06:41 PM - Matthew Jurewicz

Matthew Jurewicz wrote:

*It looks like the issue is a naive `QgsCoordinateReferenceSystem ==` operator.*

I'll try to create a patch.

##### #3 - 2018-11-01 07:03 PM - Matthew Jurewicz

Matthew Jurewicz wrote:

*Matthew Jurewicz wrote:*

*It looks like the issue is a naive `QgsCoordinateReferenceSystem ==` operator.*

*I'll try to create a patch.*

Nevermind, I should be create a custom QGIS CRS with a unique QGIS CRS id. Can someone please cancel this?

**#4 - 2018-11-01 09:21 PM - Giovanni Manghi**

- *Resolution set to invalid*

- *Status changed from Open to Closed*