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**annerledes**  
**spesialisert**

What is Django?

Live Demo

Task



Figure: Django/Python logo

- ▶ Web-framework written in Python
- ▶ Motto: “For perfectionists with deadlines”
- ▶ Open source and free for all usages (BSD)
- ▶ #89 most popular on github, #91 on stack overflow (ASP.NET is #93)

<http://hotframeworks.com/#top-frameworks>



Figure: Django pattern:  
MVTC (close enough)

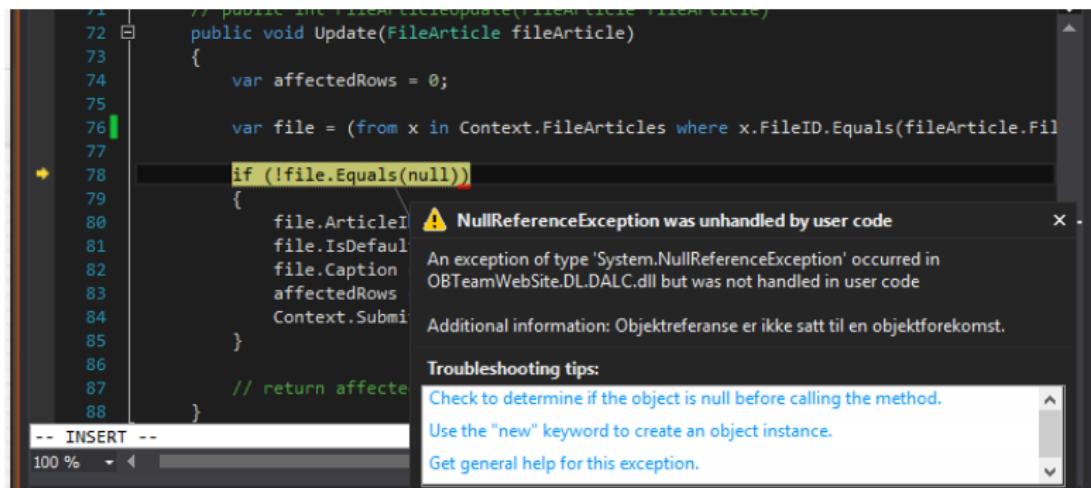
Like	No-like
Many APIs for solutions	Too many APIs?
Open-source makes debugging easy	... But internals are hard to modify
Fast to setup solutions	Lame initial learning curve
Python	<pre>www = False if something:     www = True print www</pre>

# DEMO TIME



[https://github.com/andsild/workshop\\_django.git](https://github.com/andsild/workshop_django.git)

- ▶ Create a form to register gokart-drivers
- ▶ Create a site to show gokart-drivers
- ▶ Create a method to search for a driver, and display his info
- ▶ Create a button to do delete drivers
- ▶ Create
- ▶ Create!
- ▶ Create!!
- ▶ Create!!!



```
71 // public int FileArticleUpdate(FileArticle fileArticle)
72 public void Update(FileArticle fileArticle)
73 {
74     var affectedRows = 0;
75
76     var file = (from x in Context.FileArticles where x.FileID.Equals(fileArticle.Fil
77
78     if (!file.Equals(null))
79     {
80         file.ArticleI
81         file.IsDefaul
82         file.Caption
83         affectedRows
84         Context.Submi
85     }
86
87     // return affecte
88 }
```

-- INSERT --

100 %

**NullException was unhandled by user code**

An exception of type 'System.NullReferenceException' occurred in OBTeamWebSite.DL.DALC.dll but was not handled in user code

Additional information: Objektreferanse er ikke satt til en objektforekomst.

Troubleshooting tips:

- Check to determine if the object is null before calling the method.
- Use the "new" keyword to create an object instance.
- Get general help for this exception.



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The text is displayed in a large, bold, white sans-serif font. It is arranged in three lines: 'energisk' on top, 'annerledes' in the middle, and 'spesialisert' at the bottom. The background of the text area features a repeating pattern of binary code (0s and 1s) and is framed by a thick, light blue oval.

Gracias