

# orxCAMERA structure

## Summary

```
[CameraTemplate]  
FrustumHeight = <float>  
FrustumWidth = <float>  
FrustumNear = <float>  
FrustumFar = <float>  
Position = <vector>  
Rotation = <float>  
Zoom = <float>
```

## Details

Here's a list of the available properties for an orxCAMERA structure:

- FrustumNear/FrustumFar: Define the near and far planes for the 📷 [camera frustum](#). The near plane is excluded whereas the far plane is included when doing render culling.
- FrustumHeight/FrustumWidth: As orx is using 2D cameras, their frustum are 📐 [rectangle cuboids](#) instead of a real 📷 [frustum](#). If you want to achieve a 1:1 aspect ratio with your main display window, you can use the `Display.ScreenHeight` and `Display.ScreenWidth` values.
- String: Defines the content of this orxTEXT as plain text. **NB: If its value begins with a dollar ('\$'), the rest of the value will be used as a key for the [localization module](#).**
- Position: Camera's initial position.
- Rotation: Camera's initial rotation (along its Z-axis).
- Zoom: Camera's initial zoom.

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Last update: **2017/05/30 00:50 (8 years ago)**

