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Subject: IDL Unix Color Problem

Posted by [twooodard](#) on Wed, 08 Mar 2006 01:26:37 GMT

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I am sure this has been covered many time before but here goes

First

I am in the midst of deploying a large complex program

Development Server Solaris 8 IDL 6.1 Oracle DB Jdeveloper

Deploying to

Server1 Oracle DB Solaris 10

Server2 Solaris 9 IDL 6.2--Web based env Web Server OC4J pages and  
xslt's built in jdeveloper

All IDL Programs are non-interactive and produce png files for use in a  
browser across the network--called from java pages and accessing files  
produced by the DB.

First problem encountered and fixed. we got a zlib mit\_magic\_cookie  
error and detiremined this was a unix problem resolving the xserver  
address. we found a program Xvfb and set the xwindow display to :1.0  
(setenv DISPLAY :1.0) and zlib was solved. typing hosts + at the term  
screen fixed the cookie error

This all sounds and is very ugly and confusing....

That being said 50% of the programs (coded by many people) work perfect  
on server2 all work on the development server. All programs run at the  
command prompt and produce results (png). Half the idl programs  
produce black pictures and if you tweak the color table you can see it  
is also producing kind of a triple picture.

We have narrowed it (I think) to being an issue where we need to use a  
z-buffer this is how we got the black pictures. We are currently using  
tvlct and setting a custom color table r,g,b.

I have noticed some differences in the display while in IDL on the  
developement server and the deployment server. one running 24 bit  
color and one running 8 bit. the resolution is different also.

any help on this will be greatly appreciated.....

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