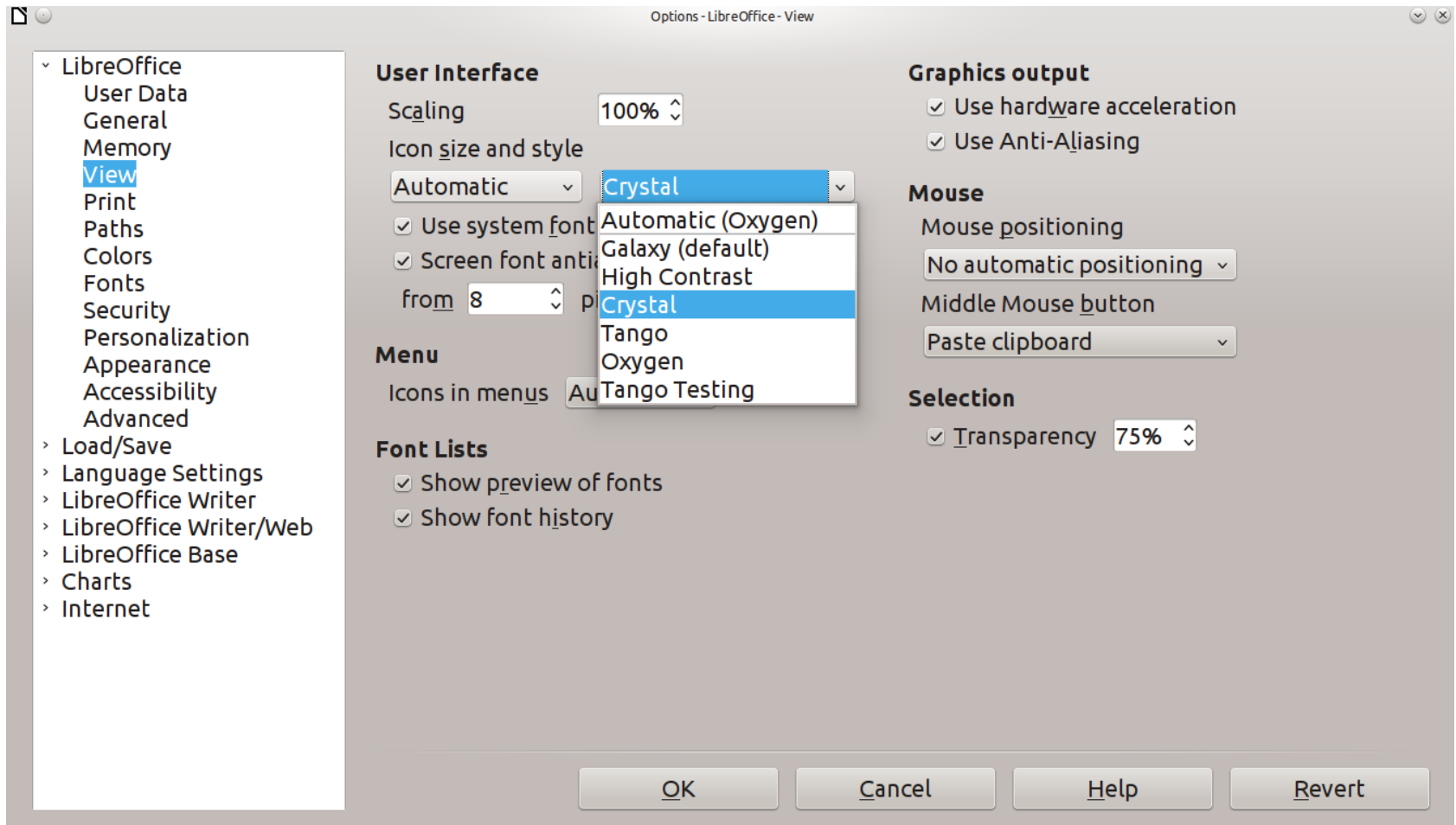


LibreOffice

Jan Saro

Remove LibreOffice icon themes hardcoding



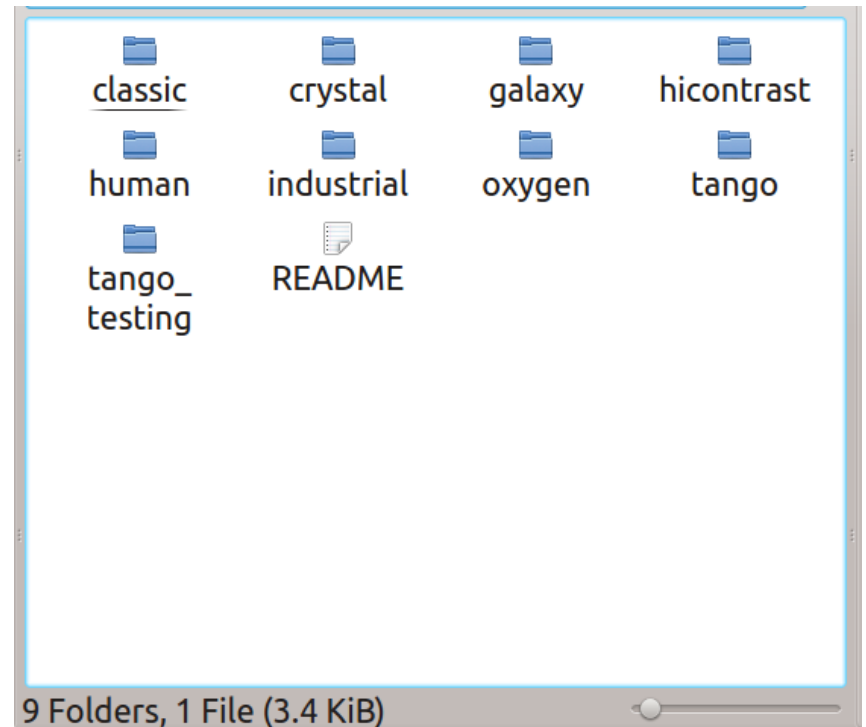
Static definition of STYLE_SYMBOLS

```
#define STYLE_SYMBOLS_AUTO ((sal_uLong) 0)
#define STYLE_SYMBOLS_DEFAULT ((sal_uLong) 1)
#define STYLE_SYMBOLS_HICONTRAST ((sal_uLong) 2)
#define STYLE_SYMBOLS_INDUSTRIAL ((sal_uLong) 3)
#define STYLE_SYMBOLS_CRYSTAL ((sal_uLong) 4)
#define STYLE_SYMBOLS_TANGO ((sal_uLong) 5)
#define STYLE_SYMBOLS_OXYGEN ((sal_uLong) 6)
#define STYLE_SYMBOLS_CLASSIC ((sal_uLong) 7)
#define STYLE_SYMBOLS_HUMAN ((sal_uLong) 8)
#define STYLE_SYMBOLS_TANGO_TESTING ((sal_uLong) 9)
#define STYLE_SYMBOLS_THEMES_MAX ((sal_uLong) 10)
```

Converting static definition -> dynamically reading



```
#define STYLE_SYMBOLS_AUTO ((sal_uLong)0)
#define STYLE_SYMBOLS_DEFAULT ((sal_uLong)1)
#define STYLE_SYMBOLS_HICONTRAST ((sal_uLong)2)
#define STYLE_SYMBOLS_INDUSTRIAL ((sal_uLong)3)
#define STYLE_SYMBOLS_CRYSTAL ((sal_uLong)4)
#define STYLE_SYMBOLS_TANGO ((sal_uLong)5)
#define STYLE_SYMBOLS_OXYGEN ((sal_uLong)6)
#define STYLE_SYMBOLS_CLASSIC ((sal_uLong)7)
#define STYLE_SYMBOLS_HUMAN ((sal_uLong)8)
#define STYLE_SYMBOLS_TANGO_TESTING ((sal_uLong)9)
#define STYLE_SYMBOLS_THEMES_MAX ((sal_uLong)10)
```



Method for reading subdirectories

- Using built-in function for reading subdirectories

```
void
Directory::GetContainedDirectories( StringVector & o_rResult ) const
{
    StreamStr      sNew(240);
    sNew << aPath;
    StreamStr::size_type
                nStartFilename = sNew.tellp();

    DIR *         pDir = opendir( StrPath() );
    dirent *      pEntry = 0;
    struct stat   aEntryStatus;

    while ( (pEntry = readdir(pDir)) != 0 )
    {
        sNew.seekp(nStartFilename);
        sNew << pEntry->d_name;

        stat(sNew.c_str(), &aEntryStatus);
        if ( (aEntryStatus.st_mode & S_IFDIR) == S_IFDIR
            AND *pEntry->d_name != '.' )
        {
            String sNew2(pEntry->d_name);
            o_rResult.push_back(sNew2);
        } // endif (aEntry.attrib == _A_SUBDIR)
    } // end while
    closedir( pDir );
}
```

- In variable o_rResult are saved names of subdirectories

Make new struct save list of names
styles

- Built-in function **String2Int x**
Int2String
- Array of structs where are used
this types

Converting static definition -> dynamically reading



```
switch ( nStyle )
{
  case STYLE_SYMBOLS_DEFAULT:  return OUString("default");
  case STYLE_SYMBOLS_HICONTRAST: return OUString("hicontrast");
  case STYLE_SYMBOLS_INDUSTRIAL: return OUString("tango"); // industrial is dead
  case STYLE_SYMBOLS_CRYSTAL:   return OUString("crystal");
  case STYLE_SYMBOLS_TANGO:     return OUString("tango");
  case STYLE_SYMBOLS_OXYGEN:    return OUString("oxygen");
  case STYLE_SYMBOLS_CLASSIC:   return OUString("classic");
  case STYLE_SYMBOLS_HUMAN:     return OUString("human");
  case STYLE_SYMBOLS_TANGO_TESTING: return OUString("tango_testing");
}

return OUString("auto");
```

```
for( sal_uInt32 n = 0; n <= array.length(); n++ )
  >>   if(nstyle==xx) return OUString(Int2String(xx));
}
```

Thank you for your attention!