



```

Exiv2::ExifData &exifData = image->exifData();
    if (exifData.empty()) {
        std::string error(argv[1]);
        error += ": No Exif data found in the file";
        throw Exiv2::Error(1, error);
    }

// find UserComment
Exiv2::ExifKey key("Exif.Photo.UserComment");
Exiv2::ExifData::iterator it = image->exifData().findKey(key);

if (it != image->exifData().end())
    {
        const Exiv2::Value &value = it->value();
        // this fails: the value is of type DataValue
        std::cout << "Value from Exifdatum with key " << it->key().c_str() <<
            " has type " << typeid(value).name() <<
            " which should be " << typeid(Exiv2::CommentValue).name() << std::endl;
    }

// get raw data
Exiv2::ExifData& exif = image->exifData();
Exiv2::DataBuf c2 = exif.copy();
unsigned char *data = new unsigned char[c2.size_];
memcpy(data, c2.pData_, c2.size_);

// load from raw data
Exiv2::ExifData exifDataReloaded;
exifDataReloaded.load((Exiv2::byte*)data, c2.size_);
exifDataReloaded.sortByKey();

// find UserComment
it = exifDataReloaded.findKey(key);

if (it != exifDataReloaded.end())
    {
        const Exiv2::Value &value = it->value();
        // this is successful: the value is of type CommentValue
        std::cout << "Value from reloaded Exifdatum with key " << it->key().c_str() <<
            " has type " << typeid(value).name() <<
            " which should be " << typeid(Exiv2::CommentValue).name() << std::endl;
    }

return 0;
}
catch (Exiv2::AnyError& e) {
    std::cout << "Caught Exiv2 exception '" << e << "'\n";
    return -1;
}
}

```

**#3 - 10 Jun 2006 07:35 - Andreas Huggel**

[r820](#)