GROMACS - Bug #3282

Copyright message is not compatible with the clang-format

01/08/2020 11:23 AM - Artem Zhmurov

Status:	Closed		
Priority:	High		
Assignee:	Mark Abraham		
Category:	releng		
Target version:	2021-infrastructure-stable		
Affected version - extra info:		**Difficulty:**	uncategorized
Affected version:	git master		

Description

Addition of the 2020 to the list of years in copyright message makes the line:

```
 * Copyright (c) 2012,2013,2014,2015,2016,2017,2018,2019,2020, by the GROMACS development team, led by
```

too long for clang-format, which changes the paragraph layout and causes the copyright.sh script to fail. Possible solution is to split the line:

```
 * Copyright (c) 2012,2013,2014,2015,2016,2017,2018,2019, by the GROMACS development team, led by
 * Copyright (c) 2020, by the GROMACS development team, led by
```

This can be done manually for the affected files.

Affected patch-sets and files:

https://gerrit.gromacs.org/#/c/gromacs/+/15179/ :

src/gromacs/gmxana/gmx_make_edi.cpp
src/gromacs/gmxana/gmx_sans.cpp
src/gromacs/nbnxm/pairlist.cpp
src/gromacs/nbnxm/pairsearch.h
src/gromacs/tools/make_ndx.cpp

https://gerrit.gromacs.org/#/c/gromacs/+/14385/ :

src/gromacs/ewald/pme_load_balancing.cpp

High priority since we have large changes under review, which need proper solution for this problem.

Associated revisions

Revision 75443f0f - 01/09/2020 09:32 AM - Mark Abraham

Split lines with many copyright years

The new split_copyright_years.sh script can be run every few years to
keep the line length short enough for readability, and to avoid
clang-format wanting to change the lines such that the copyright
checker no longer recognizes a valid copyright statement.

Numerous files have now been bumped for 2020 because the copyright
line has been changed. That's technically valid.

In recent merge commits, several files were changed to use year ranges
like 2012-2020. Those have been reverted to the old style, which is
thought to be more valid.

Fixes #3282

Change-Id: I9c4e4677bf22a8d48ab1b3245de257c4bbaccf9f

History

#1 - 01/08/2020 11:24 AM - Artem Zhmurov

- Affected version changed from 2021 to git master

#2 - 01/08/2020 12:09 PM - Mark Abraham

Easiest is to permit the copyright header to recognize the use // clang-format off beforehand.

Or find creative ways to rename/break apart the file so we can "forget" to preserve historical copyright years of dubious relevance.

#3 - 01/09/2020 11:15 AM - Mark Abraham

- Status changed from New to Resolved

Applied in changeset [75443f0f3f822c3726763464f406ecc543ad700e](75443f0f3f822c3726763464f406ecc543ad700e).

#4 - 01/09/2020 11:43 AM - Mark Abraham

- Status changed from Resolved to Closed

- Target version set to 2021-infrastructure-stable

#5 - 01/09/2020 11:44 AM - Mark Abraham

- Category set to releng

- Assignee set to Mark Abraham