

```
1 Reading package lists...
2 Building dependency tree...
3 Reading state information...
4 The following additional packages will be installed:
5 fonts-mathjax ksh ksh93u+m libc6-i386 libegl-dev libfftw3-bin libfftw3-dev
6 libfftw3-mpi-dev libfftw3-quad3 libgl-dev libgl1-mesa-dev libgles-dev
7 libgles1 libgles2 libglvnd-core-dev libglvnd-dev libglx-dev libgraphblas-dev
8 libgraphblas6 libhdf5-mpi-dev libhdf5-openmpi-cpp-103-1 libhdf5-openmpi-dev
9 libhdf5-openmpi-fortran-102 libhdf5-openmpi-hl-100
10 libhdf5-openmpi-hl-cpp-100 libhdf5-openmpi-hl-fortran-100 libhypre64m-2.22.1
11 libhypre64m-dev libjs-mathjax libldl2 libmongoose2 libmumps-64pord-5.4
12 libmumps-dev libmumps-headers-dev libmumps64-dev libopengl-dev
13 libpetsc-real3.15-dev libpetsc3.15-dev-common libpetsc3.15-dev-examples
14 libpetsc64-real-dev libpetsc64-real3.15 libpetsc64-real3.15-dev
15 libpthread-stubs0-dev libptscotch-dev librbio2 libscotch-dev libslu1
16 libspqr2 libsuitesparse-dev libsuperlu-dist-dev libtrilinos-aztec-coo-dev
17 libtrilinos-ml-dev libtrilinos-trilinos-ss-dev libtrilinos-zoltan-dev
18 libx11-dev libxau-dev libxcb1-dev libxdmcp-dev libyaml-dev
19 ocl-icd-opencl-dev opencl-c-headers opencl-clhpp-headers trilinos-dev
20 valgrind valgrind-mpi x11proto-dev xorg-sgml-doctools xtrans-dev
21 Suggested packages:
22 libfftw3-doc libhdf5-doc fonts-mathjax-extras fonts-stix libjs-mathjax-doc
23 petsc-dev libpetsc-real3.15-dbg petsc3.15-doc libluminate-dev
24 libpetsc64-real3.15-dbg trilinos-doc libx11-doc libxcb-doc libyaml-doc
25 opencl-clhpp-headers-doc valgrind-dbg kcachegrind alleyoop valkyrie
26 The following NEW packages will be installed:
27 fonts-mathjax ksh ksh93u+m libc6-i386 libegl-dev libfftw3-bin libfftw3-dev
28 libfftw3-mpi-dev libfftw3-quad3 libgl-dev libgl1-mesa-dev libgles-dev
29 libgles1 libgles2 libglvnd-core-dev libglvnd-dev libglx-dev libgraphblas-dev
30 libgraphblas6 libhdf5-mpi-dev libhdf5-openmpi-cpp-103-1 libhdf5-openmpi-dev
31 libhdf5-openmpi-fortran-102 libhdf5-openmpi-hl-100
32 libhdf5-openmpi-hl-cpp-100 libhdf5-openmpi-hl-fortran-100 libhypre64m-2.22.1
33 libhypre64m-dev libjs-mathjax libldl2 libmongoose2 libmumps-64pord-5.4
34 libmumps-dev libmumps-headers-dev libmumps64-dev libopengl-dev
35 libpetsc-real3.15-dev libpetsc3.15-dev-common libpetsc3.15-dev-examples
36 libpetsc64-real-dev libpetsc64-real3.15 libpetsc64-real3.15-dev
37 libpthread-stubs0-dev libptscotch-dev librbio2 libscotch-dev libslu1
38 libspqr2 libsuitesparse-dev libsuperlu-dist-dev libtrilinos-aztec-coo-dev
39 libtrilinos-ml-dev libtrilinos-trilinos-ss-dev libtrilinos-zoltan-dev
40 libx11-dev libxau-dev libxcb1-dev libxdmcp-dev libyaml-dev
41 ocl-icd-opencl-dev opencl-c-headers opencl-clhpp-headers petsc64-dev
42 trilinos-dev valgrind valgrind-mpi x11proto-dev xorg-sgml-doctools
43 xtrans-dev
44 0 upgraded, 69 newly installed, 0 to remove and 0 not upgraded.
45 Need to get 90.7 MB of archives.
46 After this operation, 497 MB of additional disk space will be used.
47 Get:1 http://archive.ubuntu.com/ubuntu jammy/main amd64 fonts-mathjax all 2.7.9+dfsg-1 [2208 kB]
48 Get:2 http://archive.ubuntu.com/ubuntu jammy/universe amd64 ksh93u+m amd64 1.0.0~beta.2-1 [894 kB]
49 Get:3 http://archive.ubuntu.com/ubuntu jammy/universe amd64 ksh all 20211217 [6474 B]
50 Get:4 http://archive.ubuntu.com/ubuntu jammy/main amd64 libc6-i386 amd64 2.35-0ubuntu3 [2838 kB]
51 Get:5 http://archive.ubuntu.com/ubuntu jammy/main amd64 xorg-sgml-doctools all 1:1.11-1.1 [10.9 kB]
52 Get:6 http://archive.ubuntu.com/ubuntu jammy/main amd64 x11proto-dev all 2021.5-1 [604 kB]
53 Get:7 http://archive.ubuntu.com/ubuntu jammy/main amd64 libxau-dev amd64 1:1.0.9-1build5 [9724 B]
54 Get:8 http://archive.ubuntu.com/ubuntu jammy/main amd64 libxdmcp-dev amd64 1:1.1.3-0ubuntu5 [26.5 kB]
55 Get:9 http://archive.ubuntu.com/ubuntu jammy/main amd64 xtrans-dev all 1.4.0-1 [68.9 kB]
56 Get:10 http://archive.ubuntu.com/ubuntu jammy/main amd64 libpthread-stubs0-dev amd64 0.4-1build2 [5516
... B]
57 Get:11 http://archive.ubuntu.com/ubuntu jammy/main amd64 libxcb1-dev amd64 1.14-3ubuntu3 [86.5 kB]
58 Get:12 http://archive.ubuntu.com/ubuntu jammy/main amd64 libx11-dev amd64 2:1.7.5-1 [744 kB]
59 Get:13 http://archive.ubuntu.com/ubuntu jammy/main amd64 libglx-dev amd64 1.4.0-1 [14.1 kB]
60 Get:14 http://archive.ubuntu.com/ubuntu jammy/main amd64 libgl-dev amd64 1.4.0-1 [101 kB]
61 Get:15 http://archive.ubuntu.com/ubuntu jammy/main amd64 libegl-dev amd64 1.4.0-1 [18.0 kB]
62 Get:16 http://archive.ubuntu.com/ubuntu jammy/main amd64 libfftw3-quad3 amd64 3.3.8-2ubuntu8 [614 kB]
63 Get:17 http://archive.ubuntu.com/ubuntu jammy/main amd64 libfftw3-bin amd64 3.3.8-2ubuntu8 [35.5 kB]
64 Get:18 http://archive.ubuntu.com/ubuntu jammy/main amd64 libfftw3-dev amd64 3.3.8-2ubuntu8 [2101 kB]
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65 Get:19 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libfftw3-mpi-dev amd64 3.3.8-2ubuntu8
... [53.3 kB]
66 Get:20 http://archive.ubuntu.com/ubuntu jammy/main amd64 libgles1 amd64 1.4.0-1 [11.5 kB]
67 Get:21 http://archive.ubuntu.com/ubuntu jammy/main amd64 libgles2 amd64 1.4.0-1 [18.0 kB]
68 Get:22 http://archive.ubuntu.com/ubuntu jammy/main amd64 libgles-dev amd64 1.4.0-1 [49.4 kB]
69 Get:23 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libgraphblas6 amd64 6.1.4+dfsg-2 [20.1
... MB]
70 Get:24 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libgraphblas-dev amd64 6.1.4+dfsg-2 [54.4
... kB]
71 Get:25 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-openmpi-cpp-103-1 amd64
... 1.10.7+repack-4ubuntu2 [129 kB]
72 Get:26 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-openmpi-fortran-102 amd64
... 1.10.7+repack-4ubuntu2 [90.6 kB]
73 Get:27 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-openmpi-hl-100 amd64
... 1.10.7+repack-4ubuntu2 [59.2 kB]
74 Get:28 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-openmpi-hl-cpp-100 amd64
... 1.10.7+repack-4ubuntu2 [10.7 kB]
75 Get:29 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-openmpi-hl-fortran-100 amd64
... 1.10.7+repack-4ubuntu2 [33.5 kB]
76 Get:30 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhypre64m-2.22.1 amd64 2.22.1-7 [1468
... kB]
77 Get:31 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhypre64m-dev amd64 2.22.1-7 [1719 kB]
78 Get:32 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libldl2 amd64 1:5.10.1+dfsg-4build1 [11.7
... kB]
79 Get:33 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libmongoose2 amd64 1:5.10.1+dfsg-4build1
... [33.5 kB]
80 Get:34 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libmumps-64pord-5.4 amd64 5.4.1-2 [1824
... kB]
81 Get:35 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libmumps-headers-dev all 5.4.1-2 [19.7
... kB]
82 Get:36 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libmumps64-dev amd64 5.4.1-2 [1724 kB]
83 Get:37 http://archive.ubuntu.com/ubuntu jammy/main amd64 libopengl-dev amd64 1.4.0-1 [3400 B]
84 Get:38 http://archive.ubuntu.com/ubuntu jammy/main amd64 libjs-mathjax all 2.7.9+dfsg-1 [5665 kB]
85 Get:39 http://archive.ubuntu.com/ubuntu jammy/universe amd64 librbio2 amd64 1:5.10.1+dfsg-4build1
... [26.6 kB]
86 Get:40 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libspqr2 amd64 1:5.10.1+dfsg-4build1
... [71.6 kB]
87 Get:41 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libsliplu1 amd64 1:5.10.1+dfsg-4build1
... [37.1 kB]
88 Get:42 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libsuitesparse-dev amd64
... 1:5.10.1+dfsg-4build1 [1058 kB]
89 Get:43 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libscotch-dev amd64 6.1.3-1 [1450 kB]
90 Get:44 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libptscotch-dev amd64 6.1.3-1 [1271 kB]
91 Get:45 http://archive.ubuntu.com/ubuntu jammy/universe amd64 opencl-c-headers all 3.0~2022.01.04-1
... [44.5 kB]
92 Get:46 http://archive.ubuntu.com/ubuntu jammy/universe amd64 opencl-clhpp-headers all
... 3.0~2.0.15-1ubuntu1 [42.6 kB]
93 Get:47 http://archive.ubuntu.com/ubuntu jammy/universe amd64 ocl-icd-opencl-dev amd64 2.2.14-3 [2426
... B]
94 Get:48 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-openmpi-dev amd64
... 1.10.7+repack-4ubuntu2 [2750 kB]
95 Get:49 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libhdf5-mpi-dev amd64
... 1.10.7+repack-4ubuntu2 [4610 B]
96 Get:50 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libsuperlu-dist-dev amd64 7.2.0+dfsg1-2
... [872 kB]
97 Get:51 http://archive.ubuntu.com/ubuntu jammy/main amd64 libyaml-dev amd64 0.2.2-1build2 [62.8 kB]
98 Get:52 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libpetsc3.15-dev-common all
... 3.15.5+dfsg1-1build2 [185 kB]
99 Get:53 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libmumps-dev amd64 5.4.1-2 [1725 kB]
100 Get:54 http://archive.ubuntu.com/ubuntu jammy/universe amd64 trilinos-dev amd64 13.2.0-1ubuntu1 [12.6
... kB]
101 Get:55 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libtrilinos-aztec-coo-dev amd64
... 13.2.0-1ubuntu1 [50.0 kB]
102 Get:56 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libtrilinos-trilinos-dev amd64
... 13.2.0-1ubuntu1 [32.2 kB]
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103 Get:57 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libtrilinos-ml-dev amd64 13.2.0-1ubuntu1
... [117 kB]
104 Get:58 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libtrilinos-zoltan-dev amd64
... 13.2.0-1ubuntu1 [32.2 kB]
105 Get:59 http://archive.ubuntu.com/ubuntu jammy/main amd64 valgrind amd64 1:3.18.1-1ubuntu2 [14.1 MB]
106 Get:60 http://archive.ubuntu.com/ubuntu jammy/universe amd64 valgrind-mpi amd64 1:3.18.1-1ubuntu2
... [46.6 kB]
107 Get:61 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libpetsc-real3.15-dev amd64
... 3.15.5+dfsg1-1build2 [6433 kB]
108 Get:62 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libpetsc3.15-dev-examples all
... 3.15.5+dfsg1-1build2 [4389 kB]
109 Get:63 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libpetsc64-real3.15 amd64
... 3.15.5+dfsg1-1build2 [5999 kB]
110 Get:64 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libpetsc64-real3.15-dev amd64
... 3.15.5+dfsg1-1build2 [6446 kB]
111 Get:65 http://archive.ubuntu.com/ubuntu jammy/universe amd64 libpetsc64-real-dev all
... 3.15.5+dfsg1-1build2 [3932 B]
112 Get:66 http://archive.ubuntu.com/ubuntu jammy/universe amd64 petsc64-dev all 3.15.5+dfsg1-1build2
... [3960 B]
113 Get:67 http://archive.ubuntu.com/ubuntu jammy/main amd64 libglvnd-core-dev amd64 1.4.0-1 [12.7 kB]
114 Get:68 http://archive.ubuntu.com/ubuntu jammy/main amd64 libglvnd-dev amd64 1.4.0-1 [3162 B]
115 Get:69 http://archive.ubuntu.com/ubuntu jammy/main amd64 libgl1-mesa-dev amd64 22.0.1-1ubuntu2 [6666
... B]
116 Fetched 90.7 MB in 3s (28.0 MB/s)
117 Selecting previously unselected package fonts-mathjax.¿
118 (Reading database ... ¿(Reading database ... 5%¿(Reading database ... 10%¿(Reading database ...
... 15%¿(Reading database ... 20%¿(Reading database ... 25%¿(Reading database ... 30%¿(Reading database
... 35%¿(Reading database ... 40%¿(Reading database ... 45%¿(Reading database ... 50%¿(Reading
... database ... 55%¿(Reading database ... 60%¿(Reading database ... 65%¿(Reading database ...
... 70%¿(Reading database ... 75%¿(Reading database ... 80%¿(Reading database ... 85%¿(Reading database
... 90%¿(Reading database ... 95%¿(Reading database ... 100%¿(Reading database ... 124492 files and
... directories currently installed.)¿
119 Preparing to unpack .../00-fonts-mathjax_2.7.9+dfsg-1_all.deb ...¿
120 Unpacking fonts-mathjax (2.7.9+dfsg-1) ...¿
121 Selecting previously unselected package ksh93u+m.¿
122 Preparing to unpack .../01-ksh93u+m_1.0.0~beta.2-1_amd64.deb ...¿
123 Unpacking ksh93u+m (1.0.0~beta.2-1) ...¿
124 Selecting previously unselected package ksh.¿
125 Preparing to unpack .../02-ksh_20211217_all.deb ...¿
126 Unpacking ksh (20211217) ...¿
127 Selecting previously unselected package libc6-i386.¿
128 Preparing to unpack .../03-libc6-i386_2.35-0ubuntu3_amd64.deb ...¿
129 Unpacking libc6-i386 (2.35-0ubuntu3) ...¿
130 Selecting previously unselected package xorg-sgml-doctools.¿
131 Preparing to unpack .../04-xorg-sgml-doctools_1%3a1.11-1.1_all.deb ...¿
132 Unpacking xorg-sgml-doctools (1:1.11-1.1) ...¿
133 Selecting previously unselected package x11proto-dev.¿
134 Preparing to unpack .../05-x11proto-dev_2021.5-1_all.deb ...¿
135 Unpacking x11proto-dev (2021.5-1) ...¿
136 Selecting previously unselected package libxau-dev:amd64.¿
137 Preparing to unpack .../06-libxau-dev_1%3a1.0.9-1build5_amd64.deb ...¿
138 Unpacking libxau-dev:amd64 (1:1.0.9-1build5) ...¿
139 Selecting previously unselected package libxdmcp-dev:amd64.¿
140 Preparing to unpack .../07-libxdmcp-dev_1%3a1.1.3-0ubuntu5_amd64.deb ...¿
141 Unpacking libxdmcp-dev:amd64 (1:1.1.3-0ubuntu5) ...¿
142 Selecting previously unselected package xtrans-dev.¿
143 Preparing to unpack .../08-xtrans-dev_1.4.0-1_all.deb ...¿
144 Unpacking xtrans-dev (1.4.0-1) ...¿
145 Selecting previously unselected package libpthread-stubs0-dev:amd64.¿
146 Preparing to unpack .../09-libpthread-stubs0-dev_0.4-1build2_amd64.deb ...¿
147 Unpacking libpthread-stubs0-dev:amd64 (0.4-1build2) ...¿
148 Selecting previously unselected package libxcb1-dev:amd64.¿
149 Preparing to unpack .../10-libxcb1-dev_1.14-3ubuntu3_amd64.deb ...¿
150 Unpacking libxcb1-dev:amd64 (1.14-3ubuntu3) ...¿
151 Selecting previously unselected package libx11-dev:amd64.¿
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152 Preparing to unpack .../11-libx11-dev_2%3a1.7.5-1_amd64.deb ...  
153 Unpacking libx11-dev:amd64 (2:1.7.5-1) ...  
154 Selecting previously unselected package libglx-dev:amd64.  
155 Preparing to unpack .../12-libglx-dev_1.4.0-1_amd64.deb ...  
156 Unpacking libglx-dev:amd64 (1.4.0-1) ...  
157 Selecting previously unselected package libgl-dev:amd64.  
158 Preparing to unpack .../13-libgl-dev_1.4.0-1_amd64.deb ...  
159 Unpacking libgl-dev:amd64 (1.4.0-1) ...  
160 Selecting previously unselected package libegl-dev:amd64.  
161 Preparing to unpack .../14-libegl-dev_1.4.0-1_amd64.deb ...  
162 Unpacking libegl-dev:amd64 (1.4.0-1) ...  
163 Selecting previously unselected package libfftw3-quad3:amd64.  
164 Preparing to unpack .../15-libfftw3-quad3_3.3.8-2ubuntu8_amd64.deb ...  
165 Unpacking libfftw3-quad3:amd64 (3.3.8-2ubuntu8) ...  
166 Selecting previously unselected package libfftw3-bin.  
167 Preparing to unpack .../16-libfftw3-bin_3.3.8-2ubuntu8_amd64.deb ...  
168 Unpacking libfftw3-bin (3.3.8-2ubuntu8) ...  
169 Selecting previously unselected package libfftw3-dev:amd64.  
170 Preparing to unpack .../17-libfftw3-dev_3.3.8-2ubuntu8_amd64.deb ...  
171 Unpacking libfftw3-dev:amd64 (3.3.8-2ubuntu8) ...  
172 Selecting previously unselected package libfftw3-mpi-dev:amd64.  
173 Preparing to unpack .../18-libfftw3-mpi-dev_3.3.8-2ubuntu8_amd64.deb ...  
174 Unpacking libfftw3-mpi-dev:amd64 (3.3.8-2ubuntu8) ...  
175 Selecting previously unselected package libgles1:amd64.  
176 Preparing to unpack .../19-libgles1_1.4.0-1_amd64.deb ...  
177 Unpacking libgles1:amd64 (1.4.0-1) ...  
178 Selecting previously unselected package libgles2:amd64.  
179 Preparing to unpack .../20-libgles2_1.4.0-1_amd64.deb ...  
180 Unpacking libgles2:amd64 (1.4.0-1) ...  
181 Selecting previously unselected package libgles-dev:amd64.  
182 Preparing to unpack .../21-libgles-dev_1.4.0-1_amd64.deb ...  
183 Unpacking libgles-dev:amd64 (1.4.0-1) ...  
184 Selecting previously unselected package libgraphblas6:amd64.  
185 Preparing to unpack .../22-libgraphblas6_6.1.4+dfsg-2_amd64.deb ...  
186 Unpacking libgraphblas6:amd64 (6.1.4+dfsg-2) ...  
187 Selecting previously unselected package libgraphblas-dev:amd64.  
188 Preparing to unpack .../23-libgraphblas-dev_6.1.4+dfsg-2_amd64.deb ...  
189 Unpacking libgraphblas-dev:amd64 (6.1.4+dfsg-2) ...  
190 Selecting previously unselected package libhdf5-openmpi-cpp-103-1:amd64.  
191 Preparing to unpack .../24-libhdf5-openmpi-cpp-103-1_1.10.7+repack-4ubuntu2_amd64.deb ...  
192 Unpacking libhdf5-openmpi-cpp-103-1:amd64 (1.10.7+repack-4ubuntu2) ...  
193 Selecting previously unselected package libhdf5-openmpi-fortran-102:amd64.  
194 Preparing to unpack .../25-libhdf5-openmpi-fortran-102_1.10.7+repack-4ubuntu2_amd64.deb ...  
195 Unpacking libhdf5-openmpi-fortran-102:amd64 (1.10.7+repack-4ubuntu2) ...  
196 Selecting previously unselected package libhdf5-openmpi-hl-100:amd64.  
197 Preparing to unpack .../26-libhdf5-openmpi-hl-100_1.10.7+repack-4ubuntu2_amd64.deb ...  
198 Unpacking libhdf5-openmpi-hl-100:amd64 (1.10.7+repack-4ubuntu2) ...  
199 Selecting previously unselected package libhdf5-openmpi-hl-cpp-100:amd64.  
200 Preparing to unpack .../27-libhdf5-openmpi-hl-cpp-100_1.10.7+repack-4ubuntu2_amd64.deb ...  
201 Unpacking libhdf5-openmpi-hl-cpp-100:amd64 (1.10.7+repack-4ubuntu2) ...  
202 Selecting previously unselected package libhdf5-openmpi-hl-fortran-100:amd64.  
203 Preparing to unpack .../28-libhdf5-openmpi-hl-fortran-100_1.10.7+repack-4ubuntu2_amd64.deb ...  
204 Unpacking libhdf5-openmpi-hl-fortran-100:amd64 (1.10.7+repack-4ubuntu2) ...  
205 Selecting previously unselected package libhypre64m-2.22.1:amd64.  
206 Preparing to unpack .../29-libhypre64m-2.22.1_2.22.1-7_amd64.deb ...  
207 Unpacking libhypre64m-2.22.1:amd64 (2.22.1-7) ...  
208 Selecting previously unselected package libhypre64m-dev:amd64.  
209 Preparing to unpack .../30-libhypre64m-dev_2.22.1-7_amd64.deb ...  
210 Unpacking libhypre64m-dev:amd64 (2.22.1-7) ...  
211 Selecting previously unselected package libldl2:amd64.  
212 Preparing to unpack .../31-libldl2_1%3a5.10.1+dfsg-4build1_amd64.deb ...  
213 Unpacking libldl2:amd64 (1:5.10.1+dfsg-4build1) ...  
214 Selecting previously unselected package libmongoose2:amd64.  
215 Preparing to unpack .../32-libmongoose2_1%3a5.10.1+dfsg-4build1_amd64.deb ...  
216 Unpacking libmongoose2:amd64 (1:5.10.1+dfsg-4build1) ...
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217 Selecting previously unselected package libmumps-64pord-5.4:amd64.¿
218 Preparing to unpack .../33-libmumps-64pord-5.4_5.4.1-2_amd64.deb ...¿
219 Unpacking libmumps-64pord-5.4:amd64 (5.4.1-2) ...¿
220 Selecting previously unselected package libmumps-headers-dev.¿
221 Preparing to unpack .../34-libmumps-headers-dev_5.4.1-2_all.deb ...¿
222 Unpacking libmumps-headers-dev (5.4.1-2) ...¿
223 Selecting previously unselected package libmumps64-dev:amd64.¿
224 Preparing to unpack .../35-libmumps64-dev_5.4.1-2_amd64.deb ...¿
225 Unpacking libmumps64-dev:amd64 (5.4.1-2) ...¿
226 Selecting previously unselected package libopengl-dev:amd64.¿
227 Preparing to unpack .../36-libopengl-dev_1.4.0-1_amd64.deb ...¿
228 Unpacking libopengl-dev:amd64 (1.4.0-1) ...¿
229 Selecting previously unselected package libjs-mathjax.¿
230 Preparing to unpack .../37-libjs-mathjax_2.7.9+dfsg-1_all.deb ...¿
231 Unpacking libjs-mathjax (2.7.9+dfsg-1) ...¿
232 Selecting previously unselected package librbio2:amd64.¿
233 Preparing to unpack .../38-librbio2_1%3a5.10.1+dfsg-4build1_amd64.deb ...¿
234 Unpacking librbio2:amd64 (1:5.10.1+dfsg-4build1) ...¿
235 Selecting previously unselected package libspqr2:amd64.¿
236 Preparing to unpack .../39-libspqr2_1%3a5.10.1+dfsg-4build1_amd64.deb ...¿
237 Unpacking libspqr2:amd64 (1:5.10.1+dfsg-4build1) ...¿
238 Selecting previously unselected package libsliplu1:amd64.¿
239 Preparing to unpack .../40-libsliplu1_1%3a5.10.1+dfsg-4build1_amd64.deb ...¿
240 Unpacking libsliplu1:amd64 (1:5.10.1+dfsg-4build1) ...¿
241 Selecting previously unselected package libsuitesparse-dev:amd64.¿
242 Preparing to unpack .../41-libsuitesparse-dev_1%3a5.10.1+dfsg-4build1_amd64.deb ...¿
243 Unpacking libsuitesparse-dev:amd64 (1:5.10.1+dfsg-4build1) ...¿
244 Selecting previously unselected package libscotch-dev.¿
245 Preparing to unpack .../42-libscotch-dev_6.1.3-1_amd64.deb ...¿
246 Unpacking libscotch-dev (6.1.3-1) ...¿
247 Selecting previously unselected package libptscotch-dev.¿
248 Preparing to unpack .../43-libptscotch-dev_6.1.3-1_amd64.deb ...¿
249 Unpacking libptscotch-dev (6.1.3-1) ...¿
250 Selecting previously unselected package opencl-c-headers.¿
251 Preparing to unpack .../44-opencl-c-headers_3.0~2022.01.04-1_all.deb ...¿
252 Unpacking opencl-c-headers (3.0~2022.01.04-1) ...¿
253 Selecting previously unselected package opencl-clhpp-headers.¿
254 Preparing to unpack .../45-opencl-clhpp-headers_3.0~2.0.15-1ubuntu1_all.deb ...¿
255 Unpacking opencl-clhpp-headers (3.0~2.0.15-1ubuntu1) ...¿
256 Selecting previously unselected package ocl-icd-opencl-dev:amd64.¿
257 Preparing to unpack .../46-ocl-icd-opencl-dev_2.2.14-3_amd64.deb ...¿
258 Unpacking ocl-icd-opencl-dev:amd64 (2.2.14-3) ...¿
259 Selecting previously unselected package libhdf5-openmpi-dev.¿
260 Preparing to unpack .../47-libhdf5-openmpi-dev_1.10.7+repack-4ubuntu2_amd64.deb ...¿
261 Unpacking libhdf5-openmpi-dev (1.10.7+repack-4ubuntu2) ...¿
262 Selecting previously unselected package libhdf5-mpi-dev.¿
263 Preparing to unpack .../48-libhdf5-mpi-dev_1.10.7+repack-4ubuntu2_amd64.deb ...¿
264 Unpacking libhdf5-mpi-dev (1.10.7+repack-4ubuntu2) ...¿
265 Selecting previously unselected package libsuperlu-dist-dev:amd64.¿
266 Preparing to unpack .../49-libsuperlu-dist-dev_7.2.0+dfsg1-2_amd64.deb ...¿
267 Unpacking libsuperlu-dist-dev:amd64 (7.2.0+dfsg1-2) ...¿
268 Selecting previously unselected package libyaml-dev:amd64.¿
269 Preparing to unpack .../50-libyaml-dev_0.2.2-1build2_amd64.deb ...¿
270 Unpacking libyaml-dev:amd64 (0.2.2-1build2) ...¿
271 Selecting previously unselected package libpetsc3.15-dev-common.¿
272 Preparing to unpack .../51-libpetsc3.15-dev-common_3.15.5+dfsg1-1build2_all.deb ...¿
273 Unpacking libpetsc3.15-dev-common (3.15.5+dfsg1-1build2) ...¿
274 Selecting previously unselected package libmumps-dev:amd64.¿
275 Preparing to unpack .../52-libmumps-dev_5.4.1-2_amd64.deb ...¿
276 Unpacking libmumps-dev:amd64 (5.4.1-2) ...¿
277 Selecting previously unselected package trilinos-dev:amd64.¿
278 Preparing to unpack .../53-trilinos-dev_13.2.0-1ubuntu1_amd64.deb ...¿
279 Unpacking trilinos-dev:amd64 (13.2.0-1ubuntu1) ...¿
280 Selecting previously unselected package libtrilinos-aztecoo-dev:amd64.¿
281 Preparing to unpack .../54-libtrilinos-aztecoo-dev_13.2.0-1ubuntu1_amd64.deb ...¿
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282 Unpacking libtrilinos-aztecoo-dev:amd64 (13.2.0-1ubuntu1) ...  
283 Selecting previously unselected package libtrilinos-trilinos-dev:amd64.  
284 Preparing to unpack .../55-libtrilinos-trilinos-dev_13.2.0-1ubuntu1_amd64.deb ...  
285 Unpacking libtrilinos-trilinos-dev:amd64 (13.2.0-1ubuntu1) ...  
286 Selecting previously unselected package libtrilinos-ml-dev:amd64.  
287 Preparing to unpack .../56-libtrilinos-ml-dev_13.2.0-1ubuntu1_amd64.deb ...  
288 Unpacking libtrilinos-ml-dev:amd64 (13.2.0-1ubuntu1) ...  
289 Selecting previously unselected package libtrilinos-zoltan-dev:amd64.  
290 Preparing to unpack .../57-libtrilinos-zoltan-dev_13.2.0-1ubuntu1_amd64.deb ...  
291 Unpacking libtrilinos-zoltan-dev:amd64 (13.2.0-1ubuntu1) ...  
292 Selecting previously unselected package valgrind.  
293 Preparing to unpack .../58-valgrind_3.18.1-1ubuntu2_amd64.deb ...  
294 Unpacking valgrind (3.18.1-1ubuntu2) ...  
295 Selecting previously unselected package valgrind-mpi.  
296 Preparing to unpack .../59-valgrind-mpi_3.18.1-1ubuntu2_amd64.deb ...  
297 Unpacking valgrind-mpi (3.18.1-1ubuntu2) ...  
298 Selecting previously unselected package libpetsc-real3.15-dev:amd64.  
299 Preparing to unpack .../60-libpetsc-real3.15-dev_3.15.5+dfsg1-1build2_amd64.deb ...  
300 Unpacking libpetsc-real3.15-dev:amd64 (3.15.5+dfsg1-1build2) ...  
301 Selecting previously unselected package libpetsc3.15-dev-examples.  
302 Preparing to unpack .../61-libpetsc3.15-dev-examples_3.15.5+dfsg1-1build2_all.deb ...  
303 Unpacking libpetsc3.15-dev-examples (3.15.5+dfsg1-1build2) ...  
304 Selecting previously unselected package libpetsc64-real3.15:amd64.  
305 Preparing to unpack .../62-libpetsc64-real3.15_3.15.5+dfsg1-1build2_amd64.deb ...  
306 Unpacking libpetsc64-real3.15:amd64 (3.15.5+dfsg1-1build2) ...  
307 Selecting previously unselected package libpetsc64-real3.15-dev:amd64.  
308 Preparing to unpack .../63-libpetsc64-real3.15-dev_3.15.5+dfsg1-1build2_amd64.deb ...  
309 Unpacking libpetsc64-real3.15-dev:amd64 (3.15.5+dfsg1-1build2) ...  
310 Selecting previously unselected package libpetsc64-real-dev.  
311 Preparing to unpack .../64-libpetsc64-real-dev_3.15.5+dfsg1-1build2_all.deb ...  
312 Unpacking libpetsc64-real-dev (3.15.5+dfsg1-1build2) ...  
313 Selecting previously unselected package petsc64-dev.  
314 Preparing to unpack .../65-petsc64-dev_3.15.5+dfsg1-1build2_all.deb ...  
315 Unpacking petsc64-dev (3.15.5+dfsg1-1build2) ...  
316 Selecting previously unselected package libglvnd-core-dev:amd64.  
317 Preparing to unpack .../66-libglvnd-core-dev_1.4.0-1_amd64.deb ...  
318 Unpacking libglvnd-core-dev:amd64 (1.4.0-1) ...  
319 Selecting previously unselected package libglvnd-dev:amd64.  
320 Preparing to unpack .../67-libglvnd-dev_1.4.0-1_amd64.deb ...  
321 Unpacking libglvnd-dev:amd64 (1.4.0-1) ...  
322 Selecting previously unselected package libgl1-mesa-dev:amd64.  
323 Preparing to unpack .../68-libgl1-mesa-dev_22.0.1-1ubuntu2_amd64.deb ...  
324 Unpacking libgl1-mesa-dev:amd64 (22.0.1-1ubuntu2) ...  
325 Setting up libspqr2:amd64 (1:5.10.1+dfsg-4build1) ...  
326 Setting up fonts-mathjax (2.7.9+dfsg-1) ...  
327 Setting up libglvnd-core-dev:amd64 (1.4.0-1) ...  
328 Setting up libscotch-dev (6.1.3-1) ...  
329 Setting up libjs-mathjax (2.7.9+dfsg-1) ...  
330 Setting up trilinos-dev:amd64 (13.2.0-1ubuntu1) ...  
331 Setting up libyaml-dev:amd64 (0.2.2-1build2) ...  
332 Setting up libgraphblas6:amd64 (6.1.4+dfsg-2) ...  
333 Setting up libfftw3-mpi-dev:amd64 (3.3.8-2ubuntu8) ...  
334 Setting up libldl2:amd64 (1:5.10.1+dfsg-4build1) ...  
335 Setting up libptscotch-dev (6.1.3-1) ...  
336 Setting up libpthread-stubs0-dev:amd64 (0.4-1build2) ...  
337 Setting up libsuperlu-dist-dev:amd64 (7.2.0+dfsg1-2) ...  
338 Setting up libslu1:amd64 (1:5.10.1+dfsg-4build1) ...  
339 Setting up libmongoose2:amd64 (1:5.10.1+dfsg-4build1) ...  
340 Setting up xtrans-dev (1.4.0-1) ...  
341 Setting up libgraphblas-dev:amd64 (6.1.4+dfsg-2) ...  
342 Setting up libmumps-64pord-5.4:amd64 (5.4.1-2) ...  
343 Setting up libgles2:amd64 (1.4.0-1) ...  
344 Setting up libhdf5-openmpi-fortran-102:amd64 (1.10.7+repack-4ubuntu2) ...  
345 Setting up libgles1:amd64 (1.4.0-1) ...  
346 Setting up libfftw3-quad3:amd64 (3.3.8-2ubuntu8) ...
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347 Setting up libtrilinos-zoltan-dev:amd64 (13.2.0-1ubuntu1) ...  
348 Setting up opencl-c-headers (3.0~2022.01.04-1) ...  
349 Setting up libmumps-headers-dev (5.4.1-2) ...  
350 Setting up ksh93u+m (1.0.0~beta.2-1) ...  
351 update-alternatives: using /bin/ksh93 to provide /bin/ksh (ksh) in auto mode  
352 update-alternatives: warning: skip creation of /usr/share/man/man1/ksh.1.gz because associated file  
... /usr/share/man/man1/ksh93.1.gz (of link group ksh) doesn't exist  
353 update-alternatives: warning: skip creation of /usr/share/man/man1/rksh.1.gz because associated file  
... /usr/share/man/man1/rksh93.1.gz (of link group ksh) doesn't exist  
354 update-alternatives: using /usr/bin/shcomp93 to provide /usr/bin/shcomp (shcomp) in auto mode  
355 update-alternatives: warning: skip creation of /usr/share/man/man1/shcomp.1.gz because associated file  
... /usr/share/man/man1/shcomp93.1.gz (of link group shcomp) doesn't exist  
356 Setting up ksh (20211217) ...  
357 Setting up libhdf5-openmpi-hl-100:amd64 (1.10.7+repack-4ubuntu2) ...  
358 Setting up libc6-i386 (2.35-0ubuntu3) ...  
359 Setting up xorg-sgml-doctools (1:1.11-1.1) ...  
360 Setting up libtrilinos-aztecoo-dev:amd64 (13.2.0-1ubuntu1) ...  
361 Setting up libopengl-dev:amd64 (1.4.0-1) ...  
362 Setting up libhdf5-openmpi-cpp-103-1:amd64 (1.10.7+repack-4ubuntu2) ...  
363 Setting up libhypre64m-2.22.1:amd64 (2.22.1-7) ...  
364 Setting up valgrind (1:3.18.1-1ubuntu2) ...  
365 Setting up valgrind-mpi (1:3.18.1-1ubuntu2) ...  
366 Setting up libtrilinos-trilinosss-dev:amd64 (13.2.0-1ubuntu1) ...  
367 Setting up libhdf5-openmpi-hl-cpp-100:amd64 (1.10.7+repack-4ubuntu2) ...  
368 Setting up librbio2:amd64 (1:5.10.1+dfsg-4build1) ...  
369 Setting up libhdf5-openmpi-hl-fortran-100:amd64 (1.10.7+repack-4ubuntu2) ...  
370 Setting up libmumps64-dev:amd64 (5.4.1-2) ...  
371 Setting up libpetsc3.15-dev-examples (3.15.5+dfsg1-1build2) ...  
372 Setting up libmumps-dev:amd64 (5.4.1-2) ...  
373 Setting up libpetsc64-real3.15:amd64 (3.15.5+dfsg1-1build2) ...  
374 update-alternatives: using /usr/lib/x86_64-linux-gnu/libpetsc64_real.so.3.15.5 to provide  
... /usr/lib/x86_64-linux-gnu/libpetsc64.so.3.15 (libpetsc64.so.3.15) in auto mode  
375 Setting up libsuitesparse-dev:amd64 (1:5.10.1+dfsg-4build1) ...  
376 Setting up libfftw3-bin (3.3.8-2ubuntu8) ...  
377 Setting up libtrilinos-ml-dev:amd64 (13.2.0-1ubuntu1) ...  
378 Setting up opencl-clhpp-headers (3.0~2.0.15-1ubuntu1) ...  
379 Setting up ocl-icd-opencl-dev:amd64 (2.2.14-3) ...  
380 Setting up libhypre64m-dev:amd64 (2.22.1-7) ...  
381 Setting up libhdf5-openmpi-dev (1.10.7+repack-4ubuntu2) ...  
382 update-alternatives: using /usr/bin/h5pcc.openmpi to provide /usr/bin/h5pcc (h5pcc) in auto mode  
383 update-alternatives: warning: skip creation of /usr/share/man/man1/h5pcc.1.gz because associated file  
... /usr/share/man/man1/h5pcc.openmpi.1.gz (of link group h5pcc) doesn't exist  
384 update-alternatives: warning: skip creation of /usr/share/man/man1/h5pfc.1.gz because associated file  
... /usr/share/man/man1/h5pfc.openmpi.1.gz (of link group h5pcc) doesn't exist  
385 update-alternatives: using /usr/lib/x86_64-linux-gnu/pkgconfig/hdf5-openmpi.pc to provide  
... /usr/lib/x86_64-linux-gnu/pkgconfig/hdf5.pc (hdf5.pc) in auto mode  
386 update-alternatives: updating alternative /usr/bin/mpicc.openmpi because link group mpi has changed  
... slave links  
387 update-alternatives: warning: skip creation of /usr/share/man/man1/mpiCC.1.gz because associated file  
... /usr/share/man/man1/mpiCC.openmpi.1.gz (of link group mpi) doesn't exist  
388 update-alternatives: warning: skip creation of /usr/share/man/man1/mpic++.1.gz because associated file  
... /usr/share/man/man1/mpic++.openmpi.1.gz (of link group mpi) doesn't exist  
389 update-alternatives: warning: skip creation of /usr/share/man/man1/mpicc.1.gz because associated file  
... /usr/share/man/man1/mpicc.openmpi.1.gz (of link group mpi) doesn't exist  
390 update-alternatives: warning: skip creation of /usr/share/man/man1/mpicxx.1.gz because associated file  
... /usr/share/man/man1/mpicxx.openmpi.1.gz (of link group mpi) doesn't exist  
391 update-alternatives: warning: skip creation of /usr/share/man/man1/mpif77.1.gz because associated file  
... /usr/share/man/man1/mpif77.openmpi.1.gz (of link group mpi) doesn't exist  
392 update-alternatives: warning: skip creation of /usr/share/man/man1/mpif90.1.gz because associated file  
... /usr/share/man/man1/mpif90.openmpi.1.gz (of link group mpi) doesn't exist  
393 update-alternatives: warning: skip creation of /usr/share/man/man1/mpifort.1.gz because associated  
... file /usr/share/man/man1/mpifort.openmpi.1.gz (of link group mpi) doesn't exist  
394 update-alternatives: using /usr/lib/x86_64-linux-gnu/pkgconfig/hdf5-mpi.pc to provide  
... /usr/lib/x86_64-linux-gnu/pkgconfig/hdf5.pc (hdf5.pc) in auto mode  
395 Setting up libfftw3-dev:amd64 (3.3.8-2ubuntu8) ...
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396 Setting up libhdf5-mpi-dev (1.10.7+repack-4ubuntu2) ...  
397 Processing triggers for sgml-base (1.30) ...  
398 Setting up x11proto-dev (2021.5-1) ...  
399 Processing triggers for fontconfig (2.13.1-4.2ubuntu5) ...  
400 Setting up libxau-dev:amd64 (1:1.0.9-1build5) ...  
401 Processing triggers for libc-bin (2.35-0ubuntu3) ...  
402 Processing triggers for man-db (2.10.2-1) ...  
403 Setting up libxdmcp-dev:amd64 (1:1.1.3-0ubuntu5) ...  
404 Setting up libxcb1-dev:amd64 (1.14-3ubuntu3) ...  
405 Setting up libx11-dev:amd64 (2:1.7.5-1) ...  
406 Setting up libglx-dev:amd64 (1.4.0-1) ...  
407 Setting up libgl-dev:amd64 (1.4.0-1) ...  
408 Setting up libegl-dev:amd64 (1.4.0-1) ...  
409 Setting up libpetsc3.15-dev-common (3.15.5+dfsg1-1build2) ...  
410 Setting up libpetsc64-real3.15-dev:amd64 (3.15.5+dfsg1-1build2) ...  
411 update-alternatives: using /usr/lib/petscdir/petsc64-3.15/x86_64-linux-gnu-real to provide  
... /usr/lib/petsc64 (petsc64) in auto mode  
412 update-alternatives: using /usr/lib/x86_64-linux-gnu/libpetsc64_real.so.3.15.5 to provide  
... /usr/lib/x86_64-linux-gnu/libpetsc64_real.so (libpetsc64_real.so) in auto mode  
413 update-alternatives: using /usr/lib/petscdir/petsc64-3.15/x86_64-linux-gnu-real to provide  
... /usr/lib/petscdir/64-3.15 (petsc64-3.15) in auto mode  
414 Setting up libpetsc-real3.15-dev:amd64 (3.15.5+dfsg1-1build2) ...  
415 update-alternatives: error: no alternatives for petsc  
416 update-alternatives: using /usr/lib/petscdir/petsc3.15/x86_64-linux-gnu-real to provide /usr/lib/petsc  
... (petsc) in auto mode  
417 update-alternatives: using /usr/lib/x86_64-linux-gnu/libpetsc_real.so.3.15.5 to provide  
... /usr/lib/x86_64-linux-gnu/libpetsc_real.so (libpetsc_real.so) in auto mode  
418 update-alternatives: using /usr/lib/petscdir/petsc3.15/x86_64-linux-gnu-real to provide  
... /usr/lib/petscdir/3.15 (petsc3.15) in auto mode  
419 Setting up libgles-dev:amd64 (1.4.0-1) ...  
420 Setting up libpetsc64-real-dev (3.15.5+dfsg1-1build2) ...  
421 Setting up petsc64-dev (3.15.5+dfsg1-1build2) ...  
422 Setting up libglvnd-dev:amd64 (1.4.0-1) ...  
423 Setting up libgl1-mesa-dev:amd64 (22.0.1-1ubuntu2) ...  
424
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