Subject: undefined reference errors when building
Posted by Y ++ on Sun, 22 Oct 2017 18:56:09 GMT
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Hello,

I get error messages when building this upp example: https://www.ultimatepp.org/srcdoc$ArrayFire_demo$ArrayFire$en-us.htm l

I followed the instructions included about lib, path and include.
MS Visual studio community 2015 is installed and compiles Arrayfire example 'helloworld_vs2013.sln' and others without error.
I reread this https://www.ultimatepp.org/appideGettingStarted$en-us.html#5_3 and this https://www.ultimatepp.org/appideinstall$en-us.html

how to get rid of the errors having the example run? the TheIDE installation page says "we really recommend using VS2015 C++ compiler (...) better supported by 3rd party libraries" ,
I followed instructions on this page but only MinGW and MinGWx64 show up in the builds method.
How to configure this ?should the last "visual studio code" be installed instead as recommended by MS ? (The screenshot there https://www.ultimatepp.org/appideinstall$en-us.html is obsolete.)

Below is the error as displayed by TheIDE U++ version 11390 (64bits)(GCC)(C++11) on win8.1 64bits intel x64:

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(): Linking has failed
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\ArrayFire_demo.o: In function `ConsoleMainFn_()':
O:/PROGS/upp/bazaar/ArrayFire_demo/ArrayFire_demo.cpp (20): undefined reference to `__imp__ZN2af9setDeviceEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/ArrayFire_demo.cpp (21): undefined reference to `__imp__ZN2af4infoEv'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\matrix.o: In function `MatMult_device':
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (12): undefined reference to `__imp__ZN2af6matmulERKNS_5arrayES2_11af_mat_propS3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (13): undefined reference to `__imp__ZNK2af5array4evalEv'

O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (12): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (12): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\matrix.o: In function `MatMult_Bench()':
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (38): undefined reference to
`__imp__ZN2af5randuExx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (38): undefined reference to
`__imp__ZN2af5arrayaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (38): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (39): undefined reference to
`__imp__ZN2af5randuExx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (39): undefined reference to
`__imp__ZN2af5arrayaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (39): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (40): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (54): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (38): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (39): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\matrix.o: In function `__tcf_10':
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (9): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\matrix.o: In function `__tcf_11':
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (9): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\matrix.o: In function `__static_initialization_and_destruction_0':
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (9): undefined reference to
`__imp__ZN2af5arrayC1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/matrix.cpp (9): undefined reference to
`__imp__ZN2af5arrayC1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\pi.o: In function `pi_device':
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (17): undefined reference to

`__imp__ZN2af5randuEx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (18): undefined reference to
`__imp__ZN2af5randuEx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2afmlERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2afmlERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2afplERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2af4sqrtERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2afltERKNS_5arrayERKi'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to `float
af::sum<float>(af::array const&)'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (19): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\pi.o:O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp:18: more undefined references to
`__imp__ZN2af5arrayD1Ev' follow
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\pi.o: In function `Pi_Bench()':
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (38): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/pi.cpp (39): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `dist_naive':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (13): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (13): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (13): undefined reference to `af::array
af::constant<int>(int, long long, long long, af_dtype)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (15): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (16): undefined reference to

`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (17): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
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`__imp__ZN2af5indexC1Ei'
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`__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
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`__imp__ZN2af5indexC1Ei'
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`__imp__ZN2af5indexC1Ei'
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`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5array11array_proxypLERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (18): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
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`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `dist_vec':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (24): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (24): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (24): undefined reference to `af::array
af::constant<int>(int, long long, long long, af_dtype)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to
`__imp__ZNK2af5array4dimsEj'

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (27): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (27): undefined reference to
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`__imp__ZN2af5indexC1ERKNS_3seqE'
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`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (27): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'
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`__imp__ZNK2af5array4dimsEj'
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`__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to
`__imp__ZN2af4spanE'
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`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to
`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to
`__imp__ZN2af5indexD1Ev'
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`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af3sumERKNS_5arrayEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af4spanE'
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`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af5array11array_proxyaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to
`__imp__ZN2af5arrayD1Ev'

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (27): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (32): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (30): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (27): undefined reference to `__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\vectorize.o:O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp:27: more undefined references to `__imp__ZN2af5arrayD

```
1Ev' follow
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `dist_gfor1':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (39): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (39): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (39): undefined reference to `af::array
af::constant<int>(int, long long, long long, af_dtype)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZN2af3seqC1Ed'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZN2af3seqC1ES0_b'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZN2af10gforToggleEv'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
`__imp__ZN2af5indexD1Ev'
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (44): undefined reference to `__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (45): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af3sumERKNS_5arrayEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5array11array_proxyaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to `__imp__ZN2af5indexD1Ev'
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to `__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (50): undefined reference to `__imp__ZN2af5indexD1Ev'
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (47): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (42): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (41): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `dist_gfor2':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (54): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (54): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (54): undefined reference to `af::array
af::constant<int>(int, long long, long long, af_dtype)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZN2af3seqC1Ed'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZN2af3seqC1ES0_b'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZN2af10gforToggleEv'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (57): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (57): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (57): undefined reference to
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O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (60): undefined reference to
`__imp__ZN2af4spanE'
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`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (60): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (60): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (60): undefined reference to
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`__imp__ZN2af3absERKNS_5arrayE'
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`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5array11array_proxyaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
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`__imp__ZN2af5indexD1Ev'
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`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (65): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (65): undefined reference to
`__imp__ZN2af5indexD1Ev'
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`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (65): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (62): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (60): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (57): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (56): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():

O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\vectorize.o: In function `dist_tile1':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (69): undefined reference to `__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (70): undefined reference to `__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (72): undefined reference to `af::array af::constant<int>(int, long long, long long, af_dtype)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (78): undefined reference to `__imp__ZN2af4tileERKNS_5arrayEjjjj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to `__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to `__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to `__imp__ZN2af3sumERKNS_5arrayEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to `__imp__ZN2af5arrayD1Ev'

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZNK2af5array1TEv'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5array11array_proxyaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (78): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to `__imp__ZN2af5indexD1Ev'

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (74): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (83): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (80): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (78): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (76): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `dist_tile2':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (89): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (90): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (91): undefined reference to
`__imp__ZNK2af5array4dimsEj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (93): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (95): undefined reference to
`__imp__ZN2af7moddimsERKNS_5arrayExxxx'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (97): undefined reference to
`__imp__ZN2af4tileERKNS_5arrayEjjjj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (98): undefined reference to
`__imp__ZN2af4tileERKNS_5arrayEjjjj'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (100): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (100): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (100): undefined reference to
`__imp__ZN2af3sumERKNS_5arrayEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (100): undefined reference to

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`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (100): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (102): undefined reference to
`__imp__ZN2af7moddimsERKNS_5arrayExxxx'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (100): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (98): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (97): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (95): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (93): undefined reference to
`__imp__ZN2af5arrayD1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o:O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp:103: more undefined
references to `__imp__ZN2af5array
D1Ev' follow
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `bench_naive':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (106): undefined reference to
`__imp__ZN2af5arrayD1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `bench_vec':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayD1Ev'
```

O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (107): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\vectorize.o: In function `bench_gfor1':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (108): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\vectorize.o: In function `bench_gfor2':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (109): undefined reference to
`__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\vectorize.o: In function `bench_tile1':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to

`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (110): undefined reference to
`__imp__ZN2af5arrayD1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `bench_tile2':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (111): undefined reference to
`__imp__ZN2af5arrayD1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `Vectorize_Bench()':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (117): undefined reference to
`__imp__ZN2af5randuExx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (117): undefined reference to
`__imp__ZN2af5arrayaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (117): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (118): undefined reference to
`__imp__ZN2af5randuExx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (118): undefined reference to
`__imp__ZN2af5arrayaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (118): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (120): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (120): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (120): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (120): undefined reference to

`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (121): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (121): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (121): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (121): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (122): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (122): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (122): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (122): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (123): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (123): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (123): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (123): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (124): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (124): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (124): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (124): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (125): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (125): undefined reference to
`__imp__ZN2af5arrayC1ERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (125): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (125): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (127): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (127): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (127): undefined reference to `float
af::max<float>(af::array const&)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (127): undefined reference to

`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (127): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (128): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (128): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (128): undefined reference to `float
af::max<float>(af::array const&)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (128): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (128): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (129): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (129): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (129): undefined reference to `float
af::max<float>(af::array const&)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (129): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (129): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (130): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (130): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (130): undefined reference to `float
af::max<float>(af::array const&)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (130): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (130): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (131): undefined reference to
`__imp__ZN2afmiERKNS_5arrayES2_'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (131): undefined reference to
`__imp__ZN2af3absERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (131): undefined reference to `float
af::max<float>(af::array const&)'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (131): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (131): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (133): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (134): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (135): undefined reference to

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`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (136): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (137): undefined reference to
`__imp__ZN2af6timeitEPFvvE'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o:O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp:138: more undefined
references to `__imp__ZN2af6timei
tEPFvvE' follow
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `Vectorize_Bench()':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (125): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (124): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (123): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (122): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (121): undefined reference to
`__imp__ZN2af5arrayD1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o:O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp:120: more undefined
references to `__imp__ZN2af5array
D1Ev' follow
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\vectorize.o: In function `__static_initialization_and_destruction_0':
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (10): undefined reference to
`__imp__ZN2af5arrayC1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/vectorize.cpp (10): undefined reference to
`__imp__ZN2af5arrayC1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\demo.o: In function `Demo()':
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (18): undefined reference to
`__imp__ZN2af5randuExx8af_dtype'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (19): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (22): undefined reference to
`__imp__ZN2af3sinERKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (22): undefined reference to
`__imp__ZN2afplERKNS_5arrayERKd'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (22): undefined reference to
`__imp__ZN2af5arrayD1Ev'
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O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (23): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af3seqC1Eddd'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2afmlERKNS_5arrayERKi'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af4spanE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1Ei'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af3seqC1Eddd'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexC1ERKNS_3seqE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5arrayclERKNS_5indexES3_S3_S3_'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5array11array_proxyaSERKS0_'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'

O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (27): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (30): undefined reference to
`__imp__ZN2af3fftERKNS_5arrayEx'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (31): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (34): undefined reference to
`__imp__ZN2af3endE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (34): undefined reference to
`__imp__ZN2af5array3rowEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (34): undefined reference to
`__imp__ZN2af5array11array_proxycvS0_Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (34): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (35): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (39): undefined reference to
`af::array::array<float>(long long, long long, float const*, af_source)'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (40): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to
`__imp__ZN2af3endE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to
`__imp__ZN2af5array3colEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to
`__imp__ZN2af5array3colEi'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to
`__imp__ZN2af5array11array_proxyaSEOS1_'

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O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (44): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (48): undefined reference to
`__imp__ZN2af5arrayC1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (48): undefined reference to
`__imp__ZN2af5arrayC1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (49): undefined reference to
`__imp__ZN2af4sortERNS_5arrayES1_RKS0_jb'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (50): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (51): undefined reference to
`__imp__ZN2af5printEPKcRKNS_5arrayE'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (48): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (48): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (39): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (34): undefined reference to
`__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (30): undefined reference to
`__imp__ZN2af5arrayD1Ev'
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\demo.o:O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp:22: more undefined
references to `__imp__ZN2af5arrayD1Ev' f
ollow
 ():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Ma
in.Noblitz\demo.o: In function `Demo()':
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to
`__imp__ZN2af5arrayD1Ev'
```

O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af3seqD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5indexD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (26): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (43): undefined reference to `__imp__ZN2af5array11array_proxyD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (48): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (48): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (39): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (34): undefined reference to `__imp__ZN2af5arrayD1Ev'
O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp (30): undefined reference to `__imp__ZN2af5arrayD1Ev'
():
O:/PROGS/upp/out/examples-bazaar/ArrayFire_demo/MINGWx64.Af_Cpu.Debug.Debug_Full.Main.Noblitz\demo.o:O:/PROGS/upp/bazaar/ArrayFire_demo/demo.cpp:22: more undefined references to `__imp__ZN2af5arrayD1Ev' follow
(): collect2.exe: error: ld returned 1 exit status

For information I have read (certainly not understood everything) these (old) posts about linking or external library:
https:// www.ultimatepp.org/forums/index.php?t=msg&goto=31309&amp ;
https:// www.ultimatepp.org/forums/index.php?t=msg&goto=9795&
https:// www.ultimatepp.org/forums/index.php?t=msg&goto=46340&amp ;
https:// www.ultimatepp.org/forums/index.php?t=msg&th=9524&st art=0&
and
https:// www.ultimatepp.org/forums/index.php?t=msg&goto=46601&amp ;