kaldi-types.h

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```cpp
1  // base/kaldi-types.h
2
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4  //                      Jan Silovsky;  Yanmin Qian
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20
21 #ifndef KALDI_BASE_KALDI_TYPES_H_
22 #define KALDI_BASE_KALDI_TYPES_H_ 1
23
24 namespace kaldi {
25 // TYPEDEFS ..................................................................
26 #if (KALDI_DOUBLEPRECISION != 0)
27 typedef double  BaseFloat;
28 #else
29 typedef float   BaseFloat;
30 #endif
31 }
32
33 #ifdef _MSC_VER
34 #include <basetsd.h>
35 #define ssize_t SSIZE_T
36 #endif
37
38 // we can do this a different way if some platform
39 // we find in the future lacks stdint.h
40 #include <stdint.h>
41
42 namespace kaldi {
43 typedef uint16_t        uint16;
44 typedef uint32_t        uint32;
45 typedef uint64_t        uint64;
46 typedef int16_t         int16;
47 typedef int32_t         int32;
48 typedef int64_t         int64;
49 typedef float           float32;
50 typedef double          double64;
51 }  // end namespace kaldi
52
53 #endif  // KALDI_BASE_KALDI_TYPES_H_
```