```
/*
 *
 *                #####    #####   ######  ######  ###   ###
 *              ##   ##  ##   ##  ##      ##      ## ### ##
 *             ##   ##  ##   ##  ####    ####    ##  #  ##
 *            ##   ##  ##   ##  ##      ##      ##     ##
 *           ##   ##  ##   ##  ##      ##      ##     ##
 *           #####    #####   ##      ######  ##     ##
 *
 *
 *            OOFEM : Object Oriented Finite Element Code
 *
 *              Copyright (C) 1993 - 2013   Borek Patzak
 *
 *
 *
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 */

#ifndef unknowntype_h
#define unknowntype_h
//#include "internalstatetype.h"
#include "enumitem.h"

namespace oofem {
#define UnknownType_DEF \
    ENUM_ITEM_WITH_VALUE(DisplacementVector, 1) \
    ENUM_ITEM_WITH_VALUE(GeneralizedDisplacementVector, 2) \
    ENUM_ITEM_WITH_VALUE(FluxVector, 3)                    \
    ENUM_ITEM_WITH_VALUE(VelocityVector, 4)                \
    ENUM_ITEM_WITH_VALUE(PressureVector, 5)                \
    ENUM_ITEM_WITH_VALUE(Temperature, 6)                   \
    ENUM_ITEM_WITH_VALUE(Humidity, 7)                      \
    ENUM_ITEM_WITH_VALUE(EigenVector, 8)                   \
    ENUM_ITEM_WITH_VALUE(DirectorField, 15) /* Vector field */ \
    ENUM_ITEM_WITH_VALUE(DeplanationFunction, 16)          \
    ENUM_ITEM_WITH_VALUE(MacroSlipVector, 17) \
    ENUM_ITEM_WITH_VALUE(ResidualForce, 18)
/**
 * Type representing particular unknown (its physical meaning).
 */
enum UnknownType {
```

```
    UnknownType_DEF
};

#undef ENUM_ITEM
#undef ENUM_ITEM_WITH_VALUE
#undef enumitem_h



const char *__UnknownTypeToString(UnknownType _value);
} // end namespace oofem
#endif // unknowntype_h
```