

```
/*
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** unlimited (27 August 2015).
*/

/*
** JTNC Standard:
** Software Communications Architecture
** Appendix C: Core Framework Interface Description Language (IDL)
** Version: 4.1, 20 August 2015
*/

//Source file: CFProperties.idl

#ifndef __CFPROPERTIES_DEFINED
#define __CFPROPERTIES_DEFINED

module CF {

    /* This type is an IDL struct type which can be used to hold any
       basic type or static IDL type. */
    struct DataType {
        /* This attribute indicates the kind of value and type. The id can
           be an integer string or a unique alphanumeric identifier. */
        string id;
        /* This attribute can be any static IDL type or basic
           type. */
        any value;
    };

    /* This type is an IDL unbounded sequence of CF DataType(s),
       which can be used in defining a sequence of name and value pairs. */
    typedef sequence <DataType> Properties;

    /* This exception indicates a set of properties unknown by the component. */
    exception UnknownProperties {
        CF::Properties invalidProperties;
    };

};

#endif
```