

```
/*
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** Distribution Statement A - Approved for public release; distribution is
** 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: CFComponentRegistry.idl

#ifdef __CFCOMPONENTREGISTRY_DEFINED
#define __CFCOMPONENTREGISTRY_DEFINED

#include "CFCommonTypes.idl"

module CF {

    /* This interface is used to manage the registration of
       logical devices and services. */
    interface ComponentRegistry {

        /* This exception indicates that an internal error has
           occurred to prevent DomainManager registration operations from
           successful completion. */
        exception RegisterError {
            CF::ErrorNumberType errorNumber;
            string msg;
        };

        /* This operation registers the Component and its static provides
           ports. */
        void registerComponent(
            in CF::ComponentType registeringComponent
        )
            raises( CF::InvalidObjectReference, RegisterError );
    };
};
#endif
```