

```
/*
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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: CFEventChannelRegistry.idl

#ifdef __CFEVENTCHANNELREGISTRY_DEFINED
#define __CFEVENTCHANNELREGISTRY_DEFINED

#include "CFCommonTypes.idl"

module CF {

    interface EventChannelRegistry {

        /* This exception indicates that a registering consumer is already
           connected to the specified event channel. */
        exception AlreadyConnected {
        };

        /* This exception indicates that a DomainManager was not able to
           locate the event channel. */
        exception InvalidEventChannelName {
        };

        /* This exception indicates that the unregistering consumer
           was not connected to the specified event channel. */
        exception NotConnected {
        };

        /* This operation is used to connect
           a consumer to a domain's event channel. */
        void registerWithEventChannel (
            in Object registeringObject,
            in string registeringId,
            in string eventChannelName
        )
        raises (CF::InvalidObjectReference,
               CF::EventChannelRegistry::InvalidEventChannelName,
               CF::EventChannelRegistry::AlreadyConnected);

        /* This operation is used to disconnect
           a consumer from a domain's event channel. */
        void unregisterFromEventChannel (
            in string unregisteringId,
            in string eventChannelName
        )
        raises (CF::EventChannelRegistry::InvalidEventChannelName,
               CF::EventChannelRegistry::NotConnected);

    };
};
```

```
#endif
```