

```
/*
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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: CFDomainInstallation.idl

#ifndef __CFDOMAININSTALLATION_DEFINED
#define __CFDOMAININSTALLATION_DEFINED

#include "CFPlatformTypes.idl"

module CF {

    interface DomainInstallation {

        /* This exception is raised when an application installation has
        not completed correctly. The message provides additional
        information describing the reason for the error. */
        exception ApplicationInstallationError {
            CF::ErrorNumberType errorNumber;
            string msg;
        };

        exception ApplicationAlreadyInstalled {
        };

        /* This exception indicates the application ID is invalid. */
        exception InvalidIdentifier {
        };

        /* This exception is raised when an application uninstallation has
        not completed correctly. The message provides additional
        information describing the reason for the error. */
        exception ApplicationUninstallationError {
            CF::ErrorNumberType errorNumber;
            string msg;
        };

        /* This operation is used to register new
        application software in the DomainManager's Domain profile. */
        CF::ComponentType installApplication (
            in string profileFileName
        )
        raises (CF::InvalidProfile,
            CF::InvalidFileName,
            CF::DomainInstallation::ApplicationInstallationError,
            CF::DomainInstallation::ApplicationAlreadyInstalled);

        /* This operation is used to uninstall an
        application and its associated ApplicationFactory from the
        DomainManager. */
    }
}
```

```
void uninstallApplication (  
    in string identifier  
)  
    raises (CF::DomainInstallation::InvalidIdentifier,  
           CF::DomainInstallation::ApplicationUninstallationError);  
  
};  
  
};  
#endif
```