

```
/*
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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: CFTestableInterface.idl

#ifdef __CFTESTABLEINTERFACE_DEFINED
#define __CFTESTABLEINTERFACE_DEFINED

#include "CFProperties.idl"

module CF {

    /* This interface defines a set of operations that
       can be used to test component implementations. */
    interface TestableInterface {

        /* This exception indicates the requested testid for a test
           to be performed is not known by the component. */
        exception UnknownTest {
        };

        /* This operation allows components to be blackbox tested.
           This allows Built-In Tests to be implemented which provides
           a means to isolate faults (both software and hardware) within
           the system. */
        void runTest (
            in unsigned long testid,
            inout CF::Properties testValues
        )
            raises (CF::TestableInterface::UnknownTest, CF::UnknownProperties);
    };
};
#endif
```