

UNCLASSIFIED

# SOFTWARE COMMUNICATIONS ARCHITECTURE SPECIFICATION

## APPENDIX D-1 ATTACHMENT 1: COMMON PROPERTIES DEFINITIONS



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**Distribution Statement A** - Approved for public release; distribution is unlimited (27 August 2015)

**REVISION SUMMARY**

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Next <Draft>	Initial Draft Release	30 November 2010
Candidate Release	Initial Release	27 December 2011
4.0	ICWG Approved Release	28 February 2012
4.0.1	Incorporated transition to JTNC and applied SCA 4.0 Errata Sheet v1.0	01 October 2012
4.1<DRAFT>	Updated version and date to align with main specification and no further changes	31 December 2014
4.1	Minor revision to comment regarding possible values of OS & Processor Elements  Added SUPPORTED_LOAD_TYPES Allocation Property  <b>ICWG Approved</b>	20 August 2015

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## **APPENDIX D-1 ATT 1 COMMON PROPERTIES DEFINITIONS**

### **D-1.1 SCOPE**

The following are common properties to be used for component definitions. The common allocation properties definitions are to be used for device allocation properties as appropriate in order to promote the portability of waveform's components and to enforce standardization of allocation type usage across vendors.

### **D-1.2 CONFORMANCE**

See SCA Appendix D.

### **D-1.3 CONVENTIONS**

N/A.

### **D-1.4 NORMATIVE REFERENCES**

N/A.

### **D-1.5 INFORMATIVE REFERENCES**

N/A.

**D-1.6 OS ELEMENT**

```

<simple id="DCE:80BF17F0-6C7F-11d4-A226-0050DA314CD6" type="string" name="os_name"
mode="readonly">
  <description>
    This property identifies the os_name XML allocation property.
  </description>
  <!-- Example values for the os_name element are: -->
  <!-- AIX, BSDi, VMS, DigitalUnix, DOS, HPBLS, HPUX, IRIX, -->
  <!-- Linux, LynxOS, MacOS, OS/2, AS/400, MVS, SCO CMW, -->
  <!-- SCO ODT, Solaris, SunOS, UnixWare, VxWorks, Win95, -->
  <!-- WinNT, pSOS, RTXC -->
  <!-- The os_name values are case sensitive. -->
  <value></value>
  <kind kindtype="allocation"/>
  <action type="eq"/>
</simple>

```

**D-1.7 PROCESSOR ELEMENT**

```

<simple id="DCE:9B445600-6C7F-11d4-A226-0050DA314CD6" type="string" name="processor_name"
mode="readonly">
  <description>
    This property identifies the processor_name XML allocation property.
  </description>
  <!-- Example values for the processor_name element are: -->
  <!-- x86, mips, alpha, ppc, sparc, 680x0, vax, AS/400, -->
  <!-- S/390, ppcG3, ppcG4, ppcG5, C5x, C6x, ADSP21xx -->
  <!-- The processor_name values are case sensitive. -->
  <value></value>
  <kind kindtype="allocation"/>
  <action type="eq"/>
</simple>

```

**D-1.8 SUPPORTED\_LOAD\_TYPES ALLOCATION PROPERTY**

```
<simplesequence id="DCE:15f831a0-371b-11e5-b974-0002a5d5c51b" type="string"
name="supported_load_types" mode="readonly">
  <description>
    This property identifies the supported_load_types XML allocation property.
  </description>
  <!-- The available values for the load_types attribute are -->
  <!-- defined within the SPD code element type attribute specification. -->
  <values></values>
  <kind kindtype="allocation"/>
  <action type="eq"/>
</simplesequence>
```