```xml
<?xml version = "1.0"?>
<xs:schema targetNamespace = "http://www.adlnet.org/xsd/adlnav_v1p3"
      xmlns:xs = "http://www.w3.org/2001/XMLSchema"
      xmlns = "http://www.adlnet.org/xsd/adlnav_v1p3"
      elementFormDefault = "qualified"
      version = "1.0">

  <xs:annotation>
    <xs:documentation>
      This file represents the W3C XML Schema Language Binding of the ADL
namespaced elements for navigation controls.
    </xs:documentation>
  </xs:annotation>

  <!-- ******************** -->
  <!-- ** Change History ** -->
  <!-- ******************** -->
  <xs:annotation>
    <xs:documentation>

*********************************************************************
*
    *                    Change History                  *

*********************************************************************
*
    2003-18-09  Initial creation.
    2004-23-01  Final edits in preparation for release
    2005-06-06  Added new hideLMSUI vocabulary token suspendAll, exitAll,
          and abandonAll

*********************************************************************
*
    </xs:documentation>
  </xs:annotation>

  <xs:element name = "presentation" type = "presentationType"/>

  <xs:element name = "navigationInterface" type = "navigationInterfaceType"/>

  <xs:element name = "hideLMSUI" type = "hideLMSUIType"/>

  <!-- Navigation Extension -->
  <xs:complexType name = "presentationType">
    <xs:sequence>
      <xs:element ref = "navigationInterface" minOccurs = "0" maxOccurs = "1"/>
```

```
      </xs:sequence>
   </xs:complexType>

   <xs:complexType name = "navigationInterfaceType">
      <xs:sequence>
         <xs:element ref = "hideLMSUI" minOccurs = "0" maxOccurs = "unbounded"/>
      </xs:sequence>
   </xs:complexType>

   <xs:simpleType name = "hideLMSUIType">
      <xs:restriction base = "xs:token">
         <xs:enumeration value = "abandon"/>
         <xs:enumeration value = "continue"/>
         <xs:enumeration value = "exit"/>
         <xs:enumeration value = "previous"/>
         <xs:enumeration value = "suspendAll"/>
         <xs:enumeration value = "exitAll"/>
         <xs:enumeration value = "abandonAll"/>
      </xs:restriction>
   </xs:simpleType>

</xs:schema>
```

```
?xml version = "1.0"?>
<xs:schema targetNamespace = "http://www.adlnet.org/xsd/adlseq_v1p3"
        xmlns:xs = "http://www.w3.org/2001/XMLSchema"
        xmlns = "http://www.adlnet.org/xsd/adlseq_v1p3"
        elementFormDefault = "qualified"
        version = "2.0">

   <xs:annotation>
     <xs:documentation>
        This file represents the W3C XML Schema Language Binding of the ADL
namespaced elements for sequencing extensions.
      </xs:documentation>
   </xs:annotation>


   <!-- ******************** -->
   <!-- ** Change History ** -->
   <!-- ******************** -->
   <xs:annotation>
     <xs:documentation>

*************************************************************************
*
    *                       Change History                    *

*************************************************************************
*
    2003-18-09  Initial creation.
    2004-23-01  Final edits in preparation for release
    2008-15-12  Added data, map, objectives, objective and mapInfo elements
            and sharedDataGlobalToSystem attribute.
    2009-30-01  Removed the data element, map element and
            sharedDataGlobalToSystem attribute.

*************************************************************************
*
      </xs:documentation>
   </xs:annotation>

   <xs:element name = "constrainedChoiceConsiderations" type =
"constrainChoiceConsiderationsType"/>

   <xs:element name = "rollupConsiderations" type = "rollupConsiderationsType"/>

   <xs:element name = "objectives" type = "objectivesType"/>

   <xs:element name = "objective" type = "objectiveType"/>
```

```xml
<xs:element name = "mapInfo" type = "mapInfoType"/>

<xs:complexType name = "rollupConsiderationsType">
  <xs:attribute name = "requiredForSatisfied" default = "always" type =
"rollupConsiderationType"/>
  <xs:attribute name = "requiredForNotSatisfied" default = "always" type =
"rollupConsiderationType"/>
  <xs:attribute name = "requiredForCompleted" default = "always" type =
"rollupConsiderationType"/>
  <xs:attribute name = "requiredForIncomplete" default = "always" type =
"rollupConsiderationType"/>
  <xs:attribute name = "measureSatisfactionIfActive" default = "true" type =
"xs:boolean"/>
</xs:complexType>

<xs:simpleType name = "rollupConsiderationType">
  <xs:restriction base = "xs:token">
    <xs:enumeration value = "always"/>
    <xs:enumeration value = "ifAttempted"/>
    <xs:enumeration value = "ifNotSkipped"/>
    <xs:enumeration value = "ifNotSuspended"/>
  </xs:restriction>
</xs:simpleType>

<xs:complexType name = "constrainChoiceConsiderationsType">
  <xs:attribute name = "preventActivation" default = "false" type = "xs:boolean"/>
  <xs:attribute name = "constrainChoice" default = "false" type = "xs:boolean"/>
</xs:complexType>

<xs:complexType name="objectivesType">
  <xs:sequence>
    <xs:element ref = "objective" minOccurs = "1" maxOccurs = "unbounded"/>
  </xs:sequence>
</xs:complexType>

<xs:complexType name="objectiveType">
  <xs:sequence>
    <xs:element ref = "mapInfo" minOccurs = "1" maxOccurs = "unbounded"/>
  </xs:sequence>
  <xs:attribute name = "objectiveID" use = "required" type = "xs:anyURI"/>
</xs:complexType>

<xs:complexType name="mapInfoType">
  <xs:attribute name="targetObjectiveID" use="required" type="xs:anyURI" />
  <xs:attribute name="readRawScore" default="true" type="xs:boolean" />
```

```
        <xs:attribute name="readMinScore" default="true" type="xs:boolean" />
        <xs:attribute name="readMaxScore" default="true" type="xs:boolean" />
        <xs:attribute name="readCompletionStatus" default="true" type="xs:boolean" />
        <xs:attribute name="readProgressMeasure" default="true" type="xs:boolean" />
        <xs:attribute name="writeRawScore" default="false" type="xs:boolean" />
        <xs:attribute name="writeMinScore" default="false" type="xs:boolean" />
        <xs:attribute name="writeMaxScore" default="false" type="xs:boolean" />
        <xs:attribute name="writeCompletionStatus" default="false" type="xs:boolean" />
        <xs:attribute name="writeProgressMeasure" default="false" type="xs:boolean" />
    </xs:complexType>

    <xs:attribute name = "objectivesGlobalToSystem" default = "true" type = "xs:boolean"
/>

</xs:schema>
```

```
?xml version = "1.0"?>
<xs:schema targetNamespace = "http://www.adlnet.org/xsd/adlcp_v1p3"
        xmlns:xs = "http://www.w3.org/2001/XMLSchema"
        xmlns = "http://www.adlnet.org/xsd/adlcp_v1p3"
        elementFormDefault = "qualified"
        version = "2.0">

   <xs:annotation>
     <xs:documentation>
        This file represents the W3C XML Schema Language Binding of the ADL
namespaced elements for content packaging extensions.
     </xs:documentation>
   </xs:annotation>

   <!-- ********************* -->
   <!-- ** Change History ** -->
   <!-- ********************* -->
   <xs:annotation>
     <xs:documentation>

**************************************************************************
*
    *              Change History                *

**************************************************************************
*
    2003-18-09  Initial creation.
    2003-19-09  Removed the restriction of the 255 character maximum length
            on the dataFromLMS
    2004-01-06  Added completionThreshold to the ADL CP namespace
    2004-23-01  Final edits in preparation for release
    2006-02-06  Removed persistState, change type of the locationType from
            xs:string to xs:anyURI
    2008-03-12  Removed the 0.0 to 1.0 restrictions from the
            completionThreshold element
    2008-03-12  Added completedByMeasure, minProgressMeasure, and
            progressWeight attributes to completionThreshold element
            type
    2009-30-01  Added the data element, map element and sharedDataGlobalToSystem
attribute

**************************************************************************
*
     </xs:documentation>
   </xs:annotation>
```

```xml
<xs:element name = "location" type = "locationType"/>
<xs:element name = "dataFromLMS" type = "dataFromLMSType"/>
<xs:element name = "timeLimitAction" type = "timeLimitActionType"/>
<xs:element name = "completionThreshold" type = "completionThresholdType" />
<xs:element name = "data" type = "dataType"/>
<xs:element name = "map" type = "mapType"/>

<!-- ADL Extension to the IMS Content Packaging XSD -->
<xs:attribute name = "scormType">
  <xs:simpleType>
    <xs:restriction base = "xs:string">
      <xs:enumeration value = "sco"/>
      <xs:enumeration value = "asset"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>

<xs:simpleType name = "locationType">
  <xs:restriction base = "xs:anyURI"/>
</xs:simpleType>

<xs:simpleType name = "dataFromLMSType">
  <xs:restriction base = "xs:string"/>
</xs:simpleType>

<xs:simpleType name = "timeLimitActionType">
  <xs:restriction base = "xs:string">
    <xs:enumeration value = "exit,message"/>
    <xs:enumeration value = "exit,no message"/>
    <xs:enumeration value = "continue,message"/>
    <xs:enumeration value = "continue,no message"/>
  </xs:restriction>
</xs:simpleType>

<xs:complexType name = "completionThresholdType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name = "completedByMeasure" default = "false" type =
"xs:boolean" />
      <xs:attribute name = "minProgressMeasure" default = "1.0" type =
"minProgressMeasureType" />
      <xs:attribute name = "progressWeight" default = "1.0" type =
"progressWeightType" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

```xml
<xs:simpleType name = "minProgressMeasureType">
  <xs:restriction base = "xs:decimal">
    <xs:minInclusive value = "0.0"/>
    <xs:maxInclusive value = "1.0"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name = "progressWeightType">
  <xs:restriction base = "xs:decimal">
    <xs:minInclusive value = "0.0"/>
    <xs:maxInclusive value = "1.0"/>
  </xs:restriction>
</xs:simpleType>

<xs:complexType name = "dataType">
  <xs:sequence>
    <xs:element ref = "map" minOccurs = "1" maxOccurs = "unbounded"/>
  </xs:sequence>
</xs:complexType>

<xs:complexType name = "mapType">
  <xs:attribute name = "targetID" use = "required" type = "xs:anyURI"/>
  <xs:attribute name = "readSharedData" default = "true" type = "xs:boolean"/>
  <xs:attribute name = "writeSharedData" default = "false" type = "xs:boolean"/>
</xs:complexType>

<xs:attribute name = "sharedDataGlobalToSystem" default = "true" type = "xs:boolean"/>

</xs:schema>
```