xAPI Profile Title

*Subtitle describing the high-level purpose of the profile*

**Document Version: 0.x**

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# Revision History

|  |  |  |
| --- | --- | --- |
| Version | Release Date | Notes |
| 0.1 |  | Initial draft of the profile. Authors review only. |
|  |  |  |

*Profile Revision History*

# 

# 1. Overview

## 1.1. How to Read this Document

This document is best read with the document outline / navigation pane enabled. To display the navigation pane in Adobe Acrobat, click “View > Show/Hide > Navigation Panes > Bookmarks.” This document is provided as an auxiliary resource to the formal xAPI Specification (version 1.0.3) and addresses the specific profile requirements for implementing xAPI. If an object or property is listed as “optional” in the xAPI Specification, but that same object or property is listed as a requirement herein, then this document takes precedence. The requirements in this document provide content developers with the mandatory Learning Record Provider (LRP) obligations for implementing xAPI Statements in \_\_\_\_\_\_\_\_\_ content. The following common syntactic and typographic conventions are used in this document:

* Footnotes appear at the bottom of pages where there is a need to provide additional information or references.
* Words or concepts will use *Italics* or “double quotations” when there is a need to draw special attention to them.
* Title Case is used to identify concepts and terminology from the xAPI Specification.
* A Courier font such as this is used to represent data objects or properties associated with the xAPI Statement Data Model. A Courier font is also used to distinguish between technical terminology or concepts originating from the xAPI Specification or an xAPI Profile. A Courier font is also used to represent unique identifiers such as IRIs or IDs.
* xAPI Statement examples represented as JSON snippets and other types of syntax examples are provided inside of light blue background box area like the one below:

|  |
| --- |
| "data-object":{  "property1": "value",  "property2": "value"  } |

### Conformance Requirements

There are two levels of obligation with regards to xAPI conformance requirements identified by the terms herein. Since xAPI conformance may inform contracting or development requirements, the use of “SHOULD” and “MAY” are avoided since these types of terms imply optional instructions. Conformance definitions are provided below.

1. SHALL. If a product fails to implement a SHALL requirement, the product is non-conformant to this profile’s requirements.

2. SHALL NOT. If a product fails to implement a SHALL NOT requirement, the product is non-conformant to this profile’s requirements.

### 1.1.2. Optional Requirements

Some attributes or values are labeled as optional. This is based on the understanding that not all information may be available to the application recording the learner’s interactions with the content. Thus, when those optional attributes are unknown it is permitted to omit them. However, if the attribute or value is known, it is required to record that information.

## 1.2. When to Use this Profile

The purpose of this document is to provide content developers with best practices, technical guidance, and standard requirements for implementing xAPI in \_\_\_\_\_\_\_\_ content. This document is intended to serve as the official profile and provides implementation and conformance requirements for \_\_\_\_\_\_\_\_\_\_ content required to support xAPI.

## 1.3. How to Use this Profile

This document is intended to be used in addition to the xAPI Specification. This document assumes an understanding of the xAPI Specification[[1]](#footnote-1) and the underlying concepts explained therein. All communication and data formats SHALL follow the general requirements in the xAPI specification. The guidance provided in this document is meant to provide additional information and requirements specific to supporting communications and data with xAPI. This Profile’s requirements are principally organized in the following sections:

* Profile Overview
* Profile Concepts
* xAPI Statement Requirements & Examples
* xAPI Document Resource Requirements & Examples [If Applicable]

# 2. xAPI Profile Title

## 2.1. Overview

[Provide a general overview or purpose of the profile here]. All xAPI Statements based on the rules in the profile SHALL include the Profile’s Activity IRI in the ContextActivities Category Array. See the examples below for where this is included in Statements.

|  |
| --- |
| {  "id": "https://w3id.org/xapi/[profile-title]/v/1",  "definition": {  "type": "http://adlnet.gov/expapi/activities/profile"  }  } |

## 2.2. Profile Concepts

The following tables provide a list of available vocabulary Concepts specifically for use in the \_\_\_\_ Profile. If additional use cases are identified and new Concepts are added, then an updated version of this Profile will be issued.

### 2.2.1. Verbs

|  |  |  |  |
| --- | --- | --- | --- |
| Concept | Description | IRI | Applicable Activity |
|  |  |  |  |

*Verbs in the Profile*

### 2.2.2. Activity Types

|  |  |  |  |
| --- | --- | --- | --- |
| Concept | Description | IRI | ContextActivity Relationships |
|  |  |  |  |

*Activity Types in the Profile*

### 2.2.3. Activity Extensions

|  |  |  |
| --- | --- | --- |
| Concept | Description | IRI |
|  |  |  |

*Activity Extensions Used in the Profile*

### 2.2.4. Context Extensions

|  |  |  |
| --- | --- | --- |
| Concept | Description | IRI |
|  |  |  |

*Context Extensions Used in the Profile*

### 2.2.5. Result Extensions

|  |  |  |
| --- | --- | --- |
| Concept | Description | IRI |
|  |  |  |

*Result Extensions Used in the Profile*

### 2.2.6. Document Resources

|  |  |  |
| --- | --- | --- |
| Concept | Description | IRI |
|  |  |  |

*Document Resources Used in the Profile*

### 2.2.7. Attachment UsageType

|  |  |  |
| --- | --- | --- |
| Concept | Description | IRI |
|  |  |  |

*Attachment UsageType Used in the Profile*

## 2.3. xAPI Statement Requirements & Examples

### 2.3.1. Overview

This section provides the detailed requirements of xAPI Statements for \_\_\_\_\_\_\_\_\_\_\_. This section is organized by different types of \_\_\_\_\_\_\_\_\_ activities.

### 2.3.2. Profile Title

#### 2.3.2.1. Initializing a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### 2.3.2.1.1. Initialized Statement Requirements

An xAPI Statement for initializing a \_\_\_\_\_\_\_\_\_ SHALL include the following:

* Set actor to \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Set verb.id to http://adlnet.gov/expapi/verbs/initialized and verb.display to an English Language Map of the Verb
* Set object.id to a unique identifier for the activity
* Set object.definition.type to https://[IRI for the Activity Type goes here]
* Set context.contextActivities.category array to include the version of the xAPI SCORM Profile with the id https://w3id.org/xapi/[profile-title]/v/1
* Set context.registration to a new attempt UUID
* Set context.platform to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Set timestamp to the time the activity was initialized

##### 2.3.2.1.2. Initialized Statement Pattern Requirements

An xAPI Statement for initializing a \_\_\_\_\_\_\_\_\_ has the following occurrence requirements:

* This Statement SHALL be [required/optional] for every new attempt or registration.
* This Statement SHALL be issued [before/after] the \_\_\_\_\_\_\_\_\_\_ Statement.
* This Statement SHALL be issued [zero or more, one or more] times.

##### 2.3.2.1.3. Initialized Statement Example

|  |
| --- |
|  |

1. The xAPI Specification, https://github.com/adlnet/xAPI-Spec [↑](#footnote-ref-1)