

Duration: 30 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating
2. This course should ideally follow the introduction to xAPI
3. Overlay of text that outline the following:
 1. Describe the purpose and function of a Learning Record Store
 2. Review an xAPI statement in a Learning Record Store
 3. Understand the different kinds of Learning Record Stores on the market

Video Script

1. Hi, my name is Julian Davis, and I'd like to welcome you to a an introduction to Learning Record Stores
2. This short video will provide you with a snippit of information that you can take as a starting point to understanding Learning Record Stores.
3. By the end of the video, you will be able to provide an overview of the purpose and function that a Learning Record Store does, learn how to read an xAPI statement in a Learning Record Store and also understand the different Learning Record Stores currently available.

Duration: 60 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating

On screen Visual Prompts

Reuse the screen from the Introduction to xAPI in Under 5 minutes explanation of the LRS

Video Script

1. Before we get started, lets recap on what a Learning Record Store is. From our previous video on Introducing Experience API in under 5 minutes, we know that xAPI statements are stored in a database.
2. The correct term for the database is called a **Learning Record Store**, or LRS for short
3. We know that the LRS has the ability to accept xAPI Statements from different platforms, devices and applications, making it incredibly flexible.
4. An LRS also allows for data to be pulled or queried. This allows for other applications to query the xAPI data. This for example, could be used to see if a user has completed a specific course or activity.

Duration: 60 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating
2. Start to Show the video and align the points to the video
3. Need to show <https://xapi.com/blog/deep-dive-activity/> after saying point 4

Video Script

1. An xAPI Statement is designed using JSON – which stands for JavaScript Object Notation. JSON is a lightweight data-interchange format that is used to pass data between systems. It's also fairly easy for humans to read as well!
2. Although JSON is easy to read, initially it can seem a little complex. I'm going to use an online JSON viewer to describe what's happening.
3. Using xapi.com, I will use one of their simple examples to show how a statement is read.
4. Using Google, or your favorite search engine and search JSON Viewer. You'll get a few, but the one I'll be using is called Code Beauty.
5. With the viewer open, I paste the JSON data into the application. This data has come from xapi.com (<https://xapi.com/blog/deep-dive-activity/>) Recall that an xAPI Statement is broken up into 3 components: The Actor, Verb and Object (or Activity)
6. The viewer easily allows us to see each component of the statement without the need to know JSON.

Duration: 60 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating

2. Continue with the video, align the steps to the video

Video Script

7.Using the Tree View, you can see that data becomes much easier to use.

8.We can clearly see the three components and how many items are in each component.

9.Looking at the Object (Activity) the tree view makes it easier to see that there is nested data, where we can simply drill down into to see what it is

10.Now we know how the xAPI Statement looks in JSON, lets see how it looks in an LRS

Duration: 60 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating
1. Continue with the video, align the steps to the video

Add a link with the icon to the SCORM Cloud LRS

Video Script

1. To get the data into an LRS, I'll be using another tool on xapi.com to allow me to connect to an LRS.
2. For the demonstration, I'm going to be using an LRS called SCORM Cloud that has a free LRS plan to allow you to test and learn how the LRS works.
3. On xapi.com, I simply paste the small xAPI Statement into the Statement Editor and validate that the JSON is correct
4. I now have to setup the connection to the LRS. This takes three items:
 1. Endpoint
 2. Username and Password
5. These are all available from the LRS. Once setup, I simply click Send Statement

Duration: 60 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating

1. Continue with the video, align the steps to the video

Add a link with the icon to the SCORM Cloud LRS

Video Script

1. When I access the particular LRS that xAPI Statement was sent to, you can see the xAPI Statement. Notice the structure? It's separated into the 3 components, and comes back to the **Someone – Did – Something**.
2. We can see that Someone (info@) did (attempted) Something (the Golf Game)
3. By clicking on the summary of the statement, you can see the xAPI statement.
4. Notice how it seems to be a lot more complex than the one we originally looked at? This is because the LRS has to add more detail the statement. This will include a unique ID, the time it was captured and stored, the authority (which is the LRS details) and the version.

Duration: 30 seconds

On-Screen Visuals/Text

1. Instructional Designer narrating

Show icons for each product and links to the respective LRS

Introduction to xAPI

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Video Script

1. There are quite a number of LRS providers that have both Software as a Service and On Premises (or local instant) applications
2. My recommendation would go with a Software as a Service unless you know a little about installing web based applications on local machines.
3. The one I used in this demonstration was called SCORM Cloud and is one of the easiest LRS to start with
4. I have used in a large organization Learning Locker. This is in my opinion one of the leading LRS solutions. They don't offer a free Software as a Service, but you can download and install their full application, but like I said, this can be a little tricky
5. Another is YetAnalytics. They offer a Software as a Service and give you full access to their LRS for free, with the data only being made available for 30 days. A great way to learn or evaluate the LRS
6. There are other LRS that are available, but don't offer the free options to get started.
7. You should now have a better understanding of what a Learning Record Store does, reading an xAPI statement some of the Learning Record Stores currently available.