• My Learning Ltd provides virtual learning environments to schools

• Task: Integrate Scribblar tightly into the My Learning platform
Step 1

- My Learning Ltd signs up for a Scribblar PRO account
- They supply company details, logo and color scheme for their rooms
- Account is created, API key issued
• The Scribblar PRO API allows the customer to interface with Scribblar programmatically, for example to create new collaborative rooms at any time

• The API uses XML over HTTP

• Documentation: https://api.scribblar.com/docs/
• Example API call to create a room called ‘Space Adventures’:

https://api.scribblar.com/v1/?api_key=[API_KEY]
&function=rooms.add&roomname=Space%20Adventures

• This call returns an XML response including a unique room ID

• Customer’s system stores the room ID for later retrieval
For a non-programmatic integration, rooms and users can also be administered via a graphical admin console.
Step 2

The customer creates a page on their existing websites to host the rooms.
Step 3

The room SWF is embedded into the page and a valid room ID is passed.

```html
<script type="text/javascript">
    var flashvars = {};
    flashvars.roomid="yn5mr";

    var params = {};
    params.allowscriptaccess = "always";
    var attributes = {};
    attributes.id = "scribblar";
    swfobject.embedSWF("http://media.muchosmedia.com/scribblar/v2/main.swf", "alternate", "100\%", "100\%", "9.0.115", "http://media.muchosmedia.com/swfobject/expressInstall.swf", flashvars, params, attributes);
</script>
```
Users can now be directed to this room. In this example, every ‘Learning Space’ has a unique collaborative room attached to it.
Assets Integration

Existing assets can be pushed into a Scribblar room
Single Sign-On

- User accounts can be created via the API, userid is passed for seamless log-in
Summary

- Total integration time: <48 hours
- Work involved 2 new PHP scripts on customer’s system
Possibilities

• Create a fixed number of ‘static’ rooms which all users share
• Create rooms ‘just in time’ as and when they are needed
• Issue personal rooms to each user, teacher or student
• Host ‘office hours’ type support sessions
Questions?

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