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| **Document title** | **JSINPUT COMPONENT** |
| **Document reference number** | **UEL -** |
| **Project name** | **UNISA e-Content 20140363** |
| **Unisa Department** | **Department of Economics** |

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Revision history

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| Revision | Compiler | Purpose | Change Summary |
| <yyyymmdd> | Name Surname | Document Created,  Internal Review,  External Review,  etc | Initial release,  Updates based on internal review,  Updates to section xxx,  etc |
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# Description of the component

JSINPUT COMPONENT

* What is the JSINPUT COMPONENT
* Installation of the JSINPUT

## Description of the Jsinput

Js Input component can include Javascript applications also called (Custom JavaScript problems or JSinput problems) in a course. Our main goal right here is to be able to include any kind of JSinput in Tsugi and then consume it as a LTI component compatible 2.0 .

By adding a custom JavaScript applications in a course, we can provide learners with rich, interactive content that is built for any course and mainly to reach goals.

# How to install the JSINPUT

## Pre-Requisites:

Install Tsugi PHP and set it up:

<https://github.com/csev/tsugi>

This should setup all the database tables.

## Set up your Tsugi as vendor in Laravel.

This Jsinput component currently contains two pieces of related functionality:

It can author and deliver Jsinput GIFT-authored quizzes using LTI (index.php)

It can convert to QTI 1.2 (convert.php)

## Set it up with the LTI 2.0 compatibility

For instance

-Go to your Tsugi config file .

-Configure your JSinput

Go to htdocs/tsugi

Since Tsugi can be configured to discover PHP tools in lots of folders, you could check this code out into one of several places:

htdocs/tsugi/mod/Gift

htdocs/tsugi/Gift

htdocs/Gift (suggested)

htdocs/php-intro/Gift\_JSinput

Once you have checked this code out, you need to make a config.php that simply includes the config.php from the Tsugi directory. There is already a config.php that paints to the Tsugi configuration if you are in the suggested location of a peer folder.

<?php

require\_once "../tsugi/config.php";

You will also need to inform Tsugi to search the new tool's folder for files like index.php, register.php, and database.php. To do this, edite the $CFG->tool\_folders parameter in the Tsugi config.php file to include the relative path to this tool.

$CFG->tool\_folders = array("admin", "mod", ... ,

"../tsugi-php-module");

# How to use the JSINPUT Component

Once you have connected this tool to a Tsugi install as described above, you can use the Admin/Database Upgrade feature to create / maintain database tables for these tools. You can also use the Developer mode of that Tsugi to test launch this tool. The LTI 2.0 support, CASA Support, and Content Item support for the controlling Tsugi will know about this tool.

## Launching and Testing This Code

To launch the tools (assuming installed as described above) go to:

http://localhost/tsugi/dev.php

http://localhost:8888/tsugi/dev.php (for MAMP)

Appendix A

For Appendices use the style “UEL Appendix”