論文提要內容：

　　科技日新月異，網路發達，Web 2.0 的概念已一一實現，網路的應用由原本單純的發布資料、搜尋資料轉變為使用者集體創作發揮。隨著網路的普及，Java 在短短的幾年間迅速竄起，跨平台的優點使其各項技術漸漸融入各項產品，Java 技術已成為網路應用的重要技術之一。

　　台灣布袋戲的歷史至今已三百多年，形成一股台灣特有的文化，在民間有許多的布袋戲團、樂師、雕偶師以及收藏家，然而隨著時代演進，許多人已淡出這產業，使此項台灣特有文化漸漸失傳。本研究的主要目的為利用現代科技的進步之下，大容量的數位儲存媒介以及快速的網路交流等特性，應用 Java 的技術來建制一個容易使用的 Web2.0 數位內容影音平台，讓台灣傳統偶戲產業鏈的參與者能夠簡單的操作使用，使得使用者自然形成一個社群，共同保存以及交流同好之間的影像、聲音、圖片等資料，對傳統布袋戲做一個保存以及交流，讓這項富有台灣特色的文化得以傳承。

關鍵字：Web 2.0，Java 技術(Java technology)，傳統布袋戲(Taiwan puppet)。

Building a Web 2.0 Digital Content Video-Music Platform

－An Example based on Puppet King

Student: Pay-Sheng Wu   Advisor: Prof. Dwen-Ren Tsai

Chinese Culture University

ABSTRACT

The advancement of technology and the network is developed rapidly in recent years. The concept of Web 2.0 has been put into practice in many fields of our daily life. The essence of network application also changes from the release of the information and the search for information at the first stage of the history of internet, into the creation from the collective network users. In the other hand, Java had rapidly risen with the prevalence of network. The advantage of cross-platform has made Java been popular and gradually integrated into many network related products. Java technology has become one of the important Internet application technologies.

The history of Taiwan puppet has already been three hundred years, and is formed a unique part of local culture in Taiwan. There are many puppet play troupes, musicians, puppet carvers and puppet collectors in the civil. However, as time went by, many people began to fade out from the puppet industry. Therefore, this unique cultural heritage of Taiwan has gradually been lost. The main purpose of this study would like to make use of advances in modern technology that the characteristics of high-capacity digital storage device and the rapid exchange of network, to apply Java technology for building an easy-to-use Web2.0 digital content media website, the Puppet King. As guiding the users to form a virtual community naturally, the platform will let users can deposit, share, and exchange the video, audio, pictures, etc with the members of the community. With the website, the participants of Taiwan puppet industry chain can exchange the information and preserve the heritage of Taiwan puppet culture much more effectively. The essence of Taiwan puppet culture can also be passed down and appreciated by more people through the network.

Keywords： Web 2.0, Java technology, Taiwan puppet