

Principal Researcher	Watanabe Akihiro			Number of Reserchers	13	
Research Institution • Department • Title	Head of History Section, Department of Heijo Palace Site Investigations, Independent Administrative Institution National Research Institute for Cultural Properties, Nara			Location of Institution	Nara City	
Title of Project	The development of the automatical system with a reasoning function which recognizes the character of the excavated written sources such as Wooden Tablets					
Abstract of Research Project	<p>42 years have passed since Wooden Tablets was excavated in Nara Palace Site for the first time, and now Wooden Tablets became the materials which couldn't be missed for the history research. The most important work which becomes the foundation of the Wooden Tablets research is reading of the character. It aims at the development of the system which reads the character of the excavated written sources such as Wooden Tablets automatically by this research with applying a character automatic recognition system by the handwritten character OCR technology in the ancient documents which make remarkable development recently and making use of the accumulation of the Wooden Tablets research which lasts for many years of our laboratory. The generalization of the technology to read the character of Wooden Tablets and increase in efficiency can be planned by this. The enormous excavated written sources which our laboratory has more are accumulated as the data which can stand up to a reference with the image, and it can be introduced to the public widely.</p> <p>The system to aim at the development is as the following.</p> <p>The system which digitizes information on the character of Wooden Tablets simply.</p> <p>The encyclopedia of "the character" of Wooden Tablets.</p> <p>The group of databases which supports the work to read the character of Wooden Tablets.</p> <p>The OCR to read the character of Wooden Tablets.</p>					
References	<p>Watanabe Akihiro, The Century of Nara Capital Site and Wooden Tablets (The History of Japan vol.4), Kodansha, 2001</p> <p>Nara National Cultural Properties Research Insitute, The Wooden Tablets from the Nara Capital Site, Part2 The Wooden Tablets from Prince Nagaya's Residence, Part2, Publications on Historical Mater vol.53, 2001</p>					
Term of Project	Fiscal years 2003-2007 . (5years)					
Budget Allocation (in thousand of yen)	FY2003	FY2004	FY2005	FY2006	FY2007	TOTAL
	11,900	17,300	15,900	13,300	16,200	74,600
Homepage Address	None					