DOWNLOAD REMOTE NODE USING ETHERNET BOOTSTRAP

by
Kuo-Sheng Hsiao

A Thesis Submitted to the Faculty of the
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
In Partial Fulfillment of the Requirements
for the Degree of
MASTER OF SCIENCE

In the Graduate College
THE UNIVERSITY OF ARIZONA

1984

Copyright 1984 Kuo-Sheng Hsiao



STATEMENT BY AUTHOR

This thesis has been submitted in partial fulfillment of requirements for an advanced degree at The University of Arizona and is deposited in the University Library to be made available to borrowers under the rules of the Library.

Brief quotations from this thesis are allowable without special permission, provided that accurate acknowlegement of source is made. Request for permission for extended quotation from or reproduction of this manuscript in whole or in part may be granted by the copyright holder.

SIGNED: Kuo-Sheng Heiao

4/26/84

APPROVAL BY THESIS DIRECTOR

This thesis has been approved on the date shown below:

RATION MARTINEZ

Associate Professor of

Electrical and Computer Engineering

© 1984

KUO-SHENG HSIAO

All Rights Reserved



ACKNOWLEGEMENTS

The author wishes to express his appreciation to his advisor and committee chairman, Dr. Ralph Martinez, for his guidance and professional assistance throughout this thesis. The author would also like to thank the other committee members, Dr. Fredrick J. Hill and Dr. Robert Swanson, for their suggestions.

Special thanks are due to Mr. Hugh Bynum and Mr. Rajiv Dhingra of the Intel Corporation for their assistance in developing network software.

The author would like to thank his father, his wife and children, for their support and encouragement. This work is dedicated to them.



TABLE OF CONTENTS

																																					I	? a	g	e
LIST	OF	IL	L	JS	T	R	ΑΊ	I	Q	N	S .		•	•	•	•	•		•		•	•	• •		•	•	•	•	•	•	• •		•	•	•	•	• •	. V	'n	i
ABSTR	ACT	• •	•	٠.		•	٠.	•	•	•	• 1				•	•	•		•	•	•	•			•	•	• •		•	•	• •	• •	•	•	•	•	٠ ،	/i	i	i
1	INT	RO	DĮ	JC	T	I	NC		•	•	•		•	•	•	•	• •		•	•	•	•			•	•	•	• •	•	•	•		•	•	•	•	• •		•	1
	1.1		1	pp .1 .1		1 2	F	t	h P	e -	r:	1 e	t a	n	d	•	L	5 1	 [–	.1	1	•	N C		• e		•	• •	•	•	•			•		•	•		•	7
2	roc	ΑL	i	A R	E	A	M	iΕ	Ţ	W	01	R K		S	Y	S	T]	E١	1	S	T.	RI	J (T	U	R	Ε.		•	•	• •		•	•	•	•	•		. 1	Ø
	2.1		2	og .1 .1		1 2	E	i II	h 1	e Ø:	r:	ae Z.	t	N	i	2	ø:	1 0		•	a	no	ì	i	ŝ	B	C:	55	ė		•						•	• •	. 1	. 4
	2.2		2	of .2	•	1	ŀ	II 'a	1 m	Ø	1 (1 ;	Э, У•	•	N	Ι.	2	Ø:	16) • •	a •	n •	d •		LS	I	-	1:	l ,		P.	D I	?- ••	-1	1.				• •	. 1	.8
3	FUN	СТ	I	ON	A	L	Ι	E	S	C	R.	ΙF	T	Ί	0	N	•	• •		•	•	•	•		•	•	•		•	•	•		•	•	•	•	•	• •	, 2	2
	3.1 3.2 3.3		P: 33F: 33	ve ro .2 un .3	5 · · · ·	r 12 t 12	an i i i	II Son	i 1 B a 1 B	n Ø C 1 Ø C	8 1 5 1 5	1 50 50 7 50	a a a a	r	ed · ad	r t	f i	a 0 1 2 0 1 1 2	20	1	Ø Ø	• • • • • • •	•	• •			•	• •			•	•	•		•	•	•			4 4 7 1 3 2
			3 3	.3	; . ; .	45	F	0	u n	t n w	i!	n e o t	es i	v	i	t	У 1	• •	• •	•		•	•	• •	•		•	• •	•	•	•	• •	•		•		•	•	. 3	ŁØ
4	EXA	MP	L	F	A	P	PJ	ΙI	C	A	T	10	N C	i	P	R	0	G I	R A	١	S	•	•	• •	•	•	•	• •	•	•	•	• •	• •	•	•	•	•	•	. 4	£2
	4.1 4.2 4.3	,	M.	EM AC L/	R	0	-1	1		E	X	ar	ηp	1	e	S		•			•									•	٠			•	٠				, 4	ŀ3



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

