

System Manager: A 65C816 Microkernel

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Preface

Overview and Purpose

Definitions and Notation

Nodes, Lists, and Queues

1.1 Introduction

With SysMan taking inspiration from the "Exec" Amiga kernel, it makes sense that a major part of the system design is the use of linked-list node structures tracking almost everything that happens in the system. In this way, the kernel only needs to use as much memory as needed without having to resort to fixed-length system tables limiting everything.