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# Design Challenges for the Far East

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# Why You Should Listen

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- No previous language background
- Small start-up company
- Worked on script systems
- Developed TurboJip and TurboWriter

# **Aspects of Far East Development**

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- Who's afraid of a script system
- The Far East feature frenzy
- A Chinese case study

# Who's Afraid of a Script System

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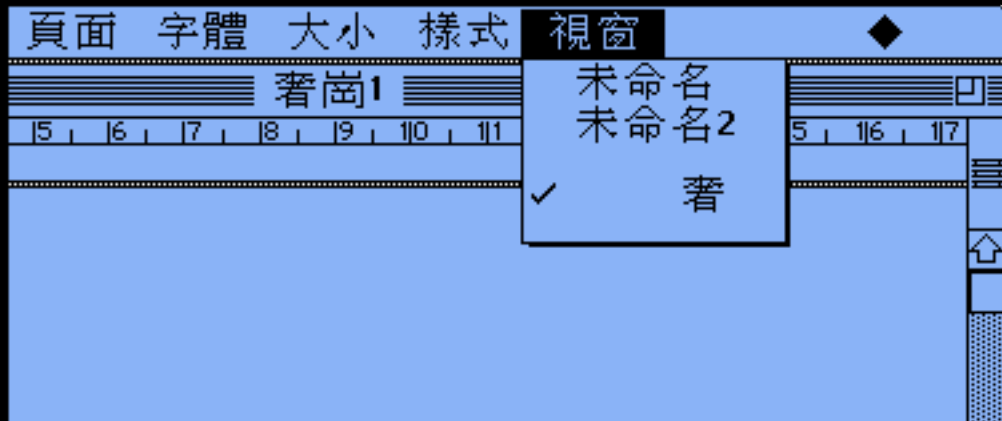
- Minimum Required Know-how
- Why you need to know anything
- Dealing with Inevitable Bugs
- Character Code Standards

# **Minimum Required Know-how**

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- Know Script Manager 2.0
- Review Script Manager 7.0

# Dealing with Inevitable Bugs



# Character Code Standards

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- Japanese–Shifted-JIS
- Chinese–CCDOS
- Taiwanese–Big-5
- Korean–IBM-Korea

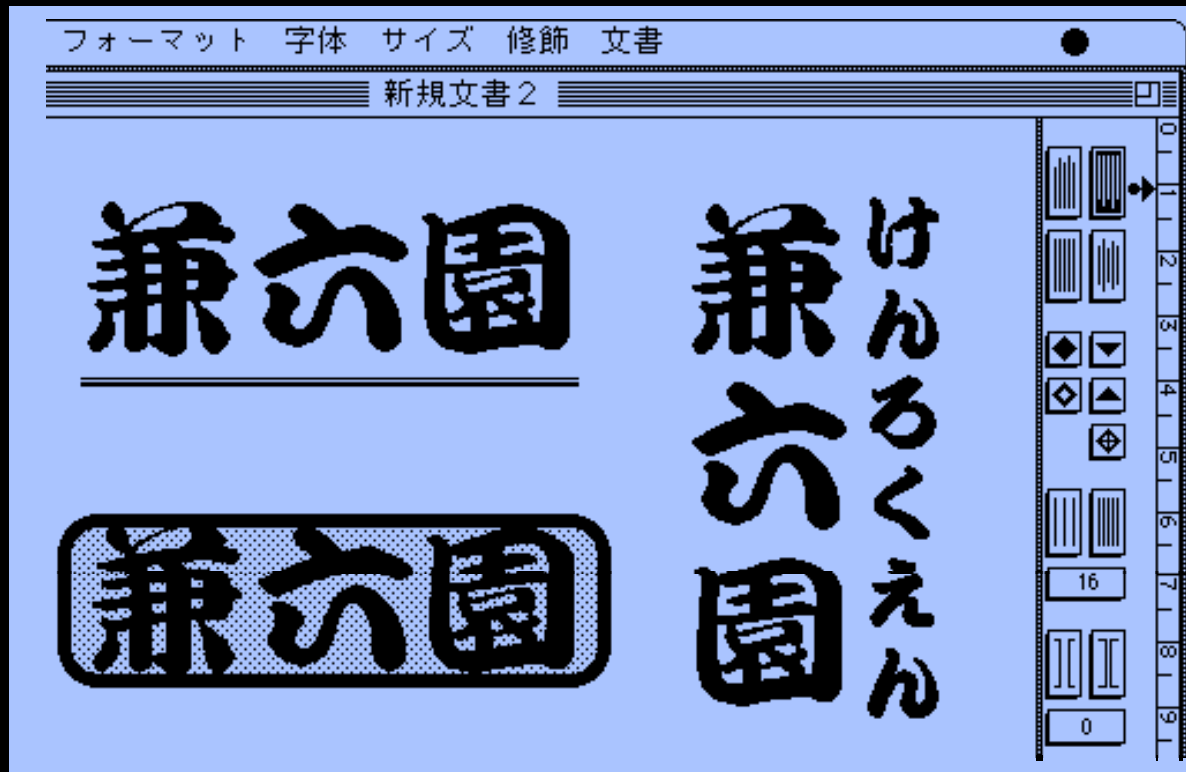


# The Far East Feature Frenzy

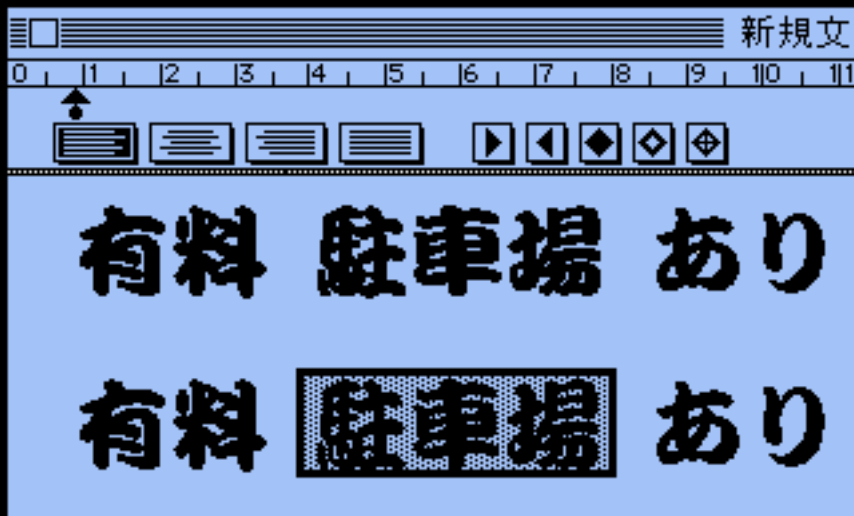
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- Japanese and Far East features are similar
- Resist the kitchen sink syndrome
- Understand the reason behind features
- The Script Manager is your friend
- Implementing bleeding edge features
- Creating bilingual applications

# Japanese and Far East features are similar



# Understand the reason behind features



# A Chinese Case Study

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- Supporting pronunciation characters
- Adding single-byte and tone mark support
- Vertical text and the dreaded 4th tone
- Auto-Zhuyin and Simplified tones

# Summary

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- Supporting Far East scripts will be painful
- Understand script systems and character codes
- Think Far East features, not just Japanese
- Be smart about Script Manager vs custom code
- Understand reasons for feature requests first



The power to be your best