



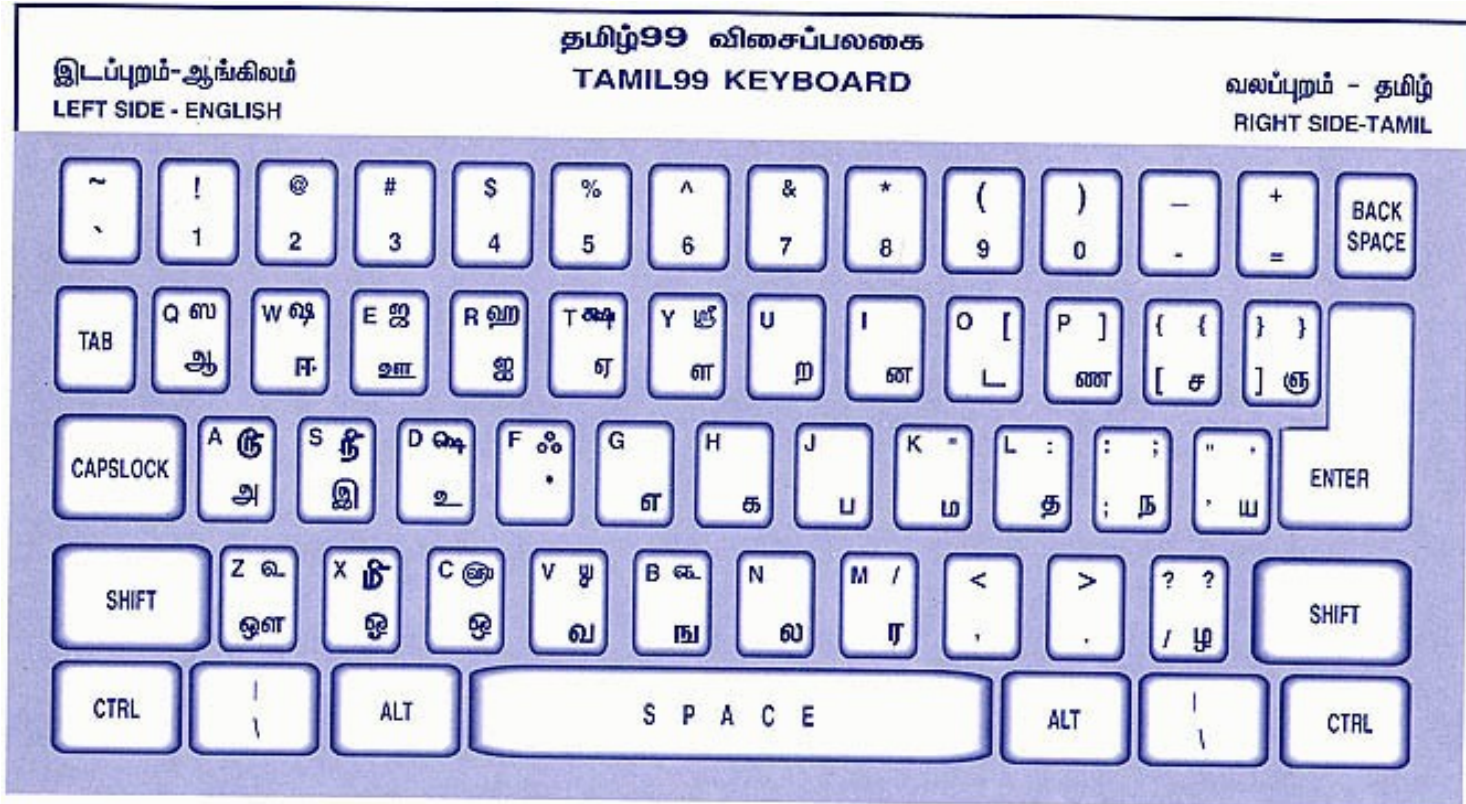
NEW TAMIL KEYBOARD

Balachandran

08th August 2007

NEED FOR THE NEW LAYOUT

- Standard as Tamil99 Layout
- 25th October 2006 discussion
 - Users not happy
 - requesting for Renganathan / Bamini



NEED FOR THE NEW LAYOUT

- ICTA Team formed
 - 3 months work
- 24th January proposed the new layout



SCOPE OF THE NEW LAYOUT DESIGN

- No much deviation from Renganathan / Bamini layout – *User Friendly*
- Implementing the uniformity (As much as possible) which is lack in current Renganathan / Bamini layout – *Logic*
- Implementing all the possible Tamil letters and symbols – *Completeness*
- Unicode support – *Technical*

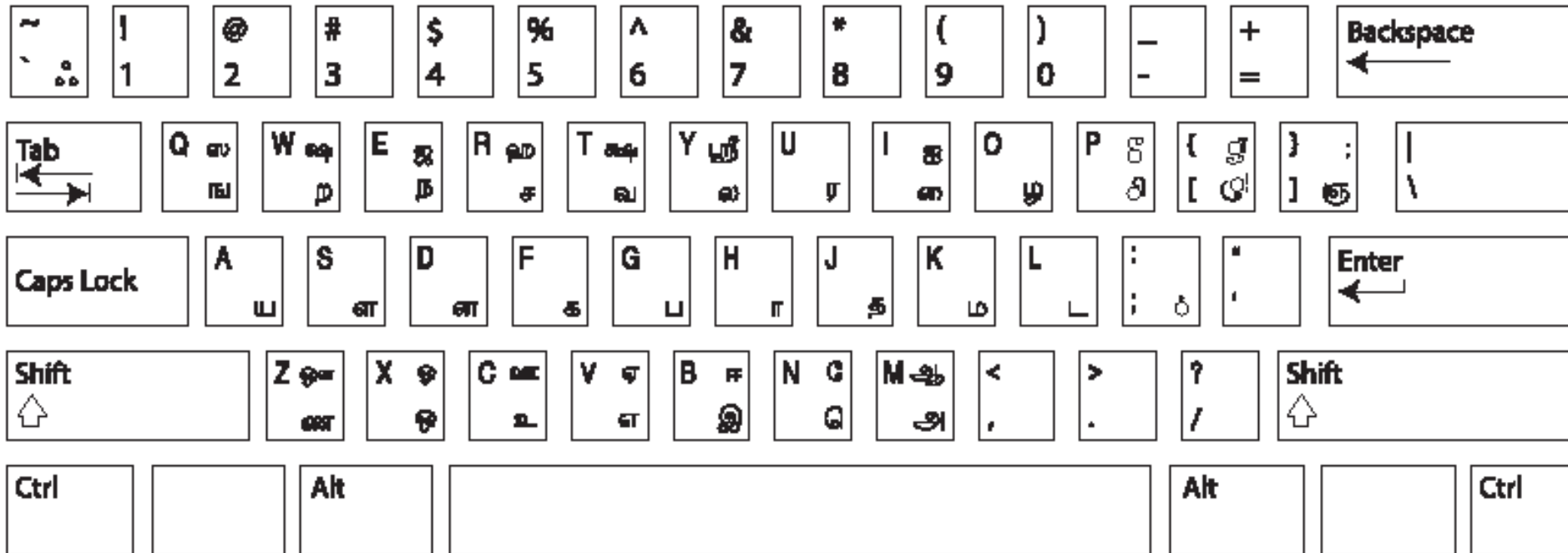


NEW LAYOUT

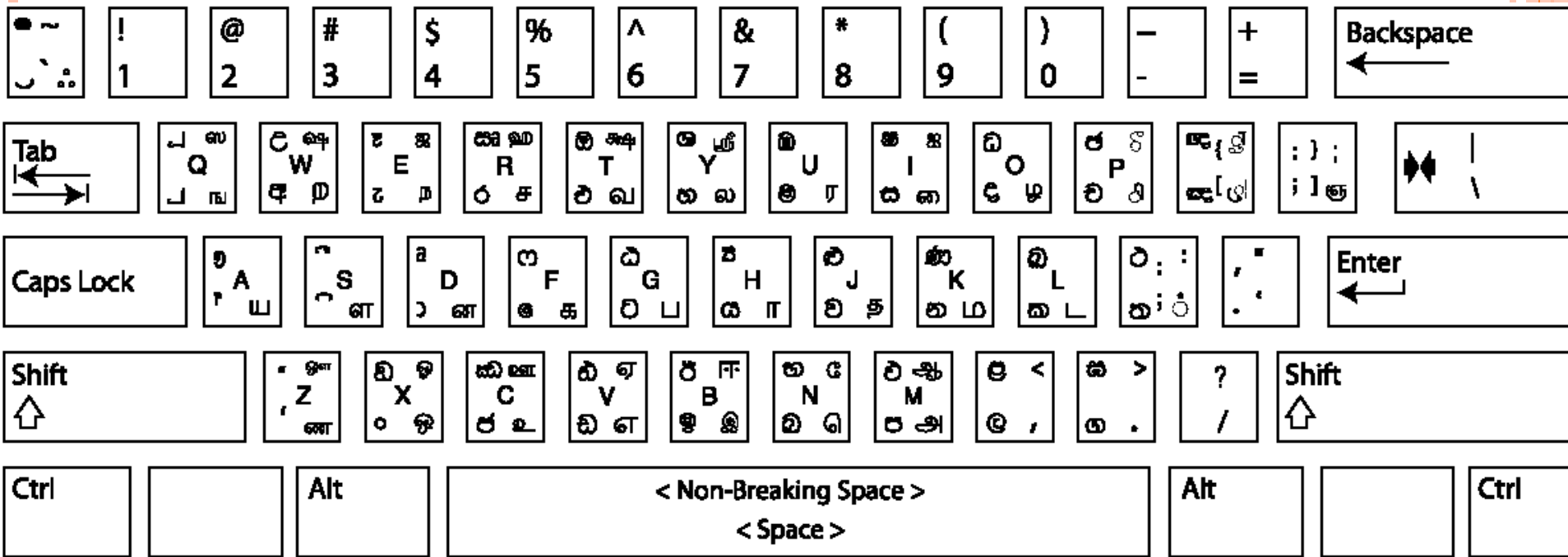
- The proposed layout is based on Renganathan keyboard layout. Renganathan layout does have about 10 variations or more. The following 3 layouts are picked up as base structure
- Bamini Layout - Mostly used in Sri Lanka
- Helawadana Layout - Used by government sectors
- Layout proposed by Tamil Nadu government (1999)



NEW LAYOUT



NEW LAYOUT – TRILINGUAL



24TH JANUARY 2007 WORKSHOP

- Audiences
 - ICTA, UOM, UCSC, Univ of Kelaniya, Legal Draftsman's Department, Parliament, SLSI, MPA, NenaSala, ANCL, Lakehouse
- Proposed layout presented to the audience
- Changes explained broadly and discussed
- Testing application used to explain



24TH JANUARY 2007 WORKSHOP

- Feedback form distributed and comments collected
- 90% participants are satisfied and welcomed
- 10% - participants no comments

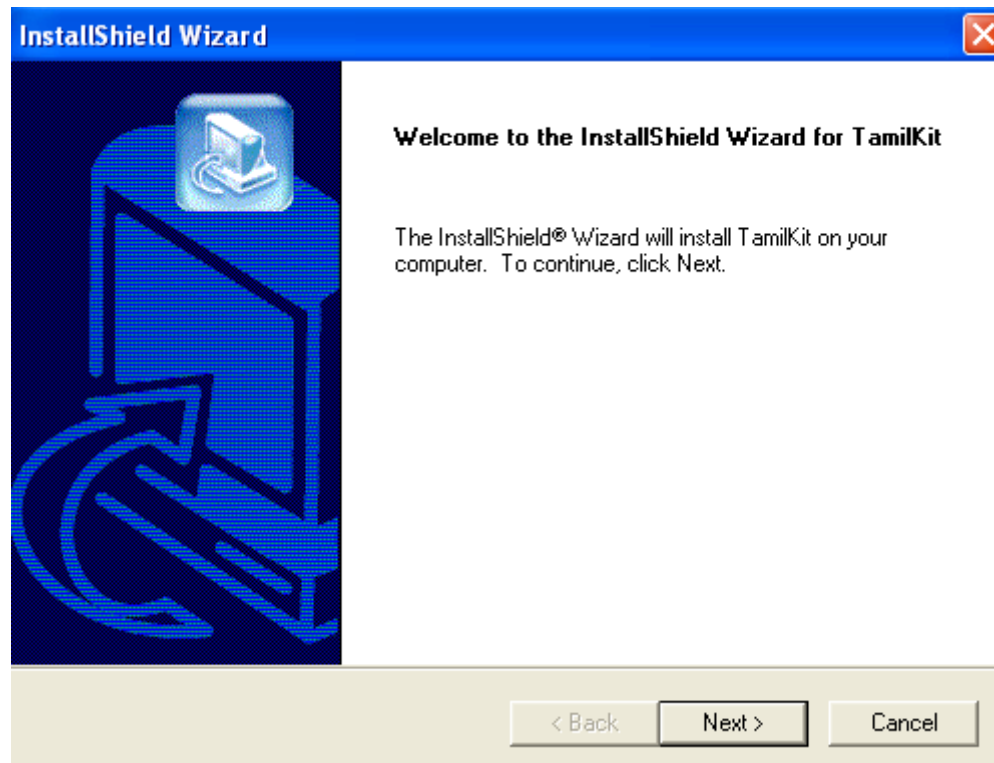


DRIVER – VERSION 1.1

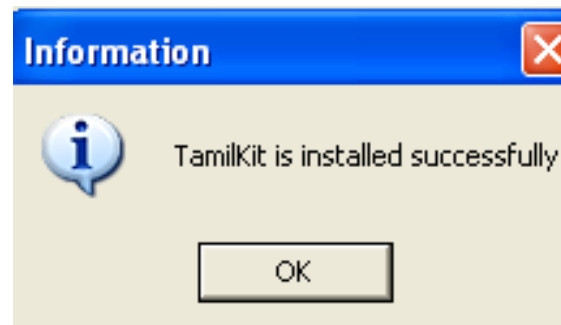
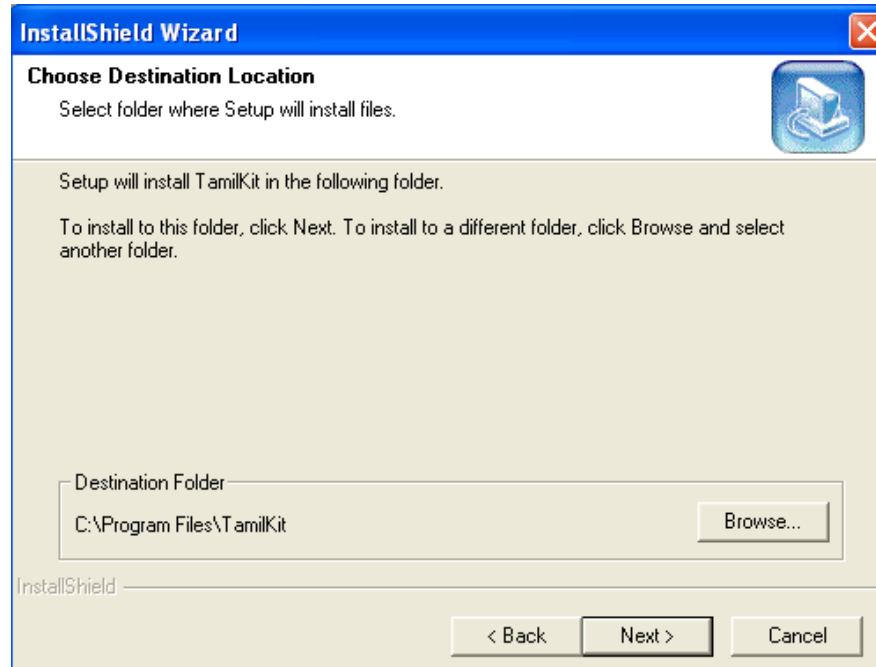
- Installing the driver



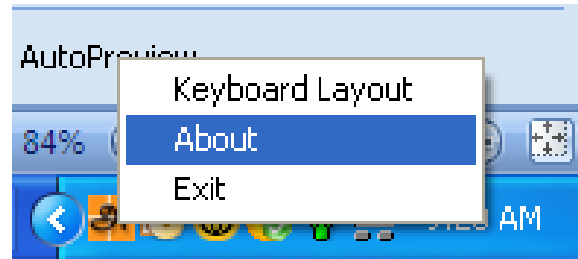
TamilKit.exe



DRIVER – VERSION 1.1



DRIVER – VERSION 1.1



- Use left ALT with SHIFT to change to Tamil language input



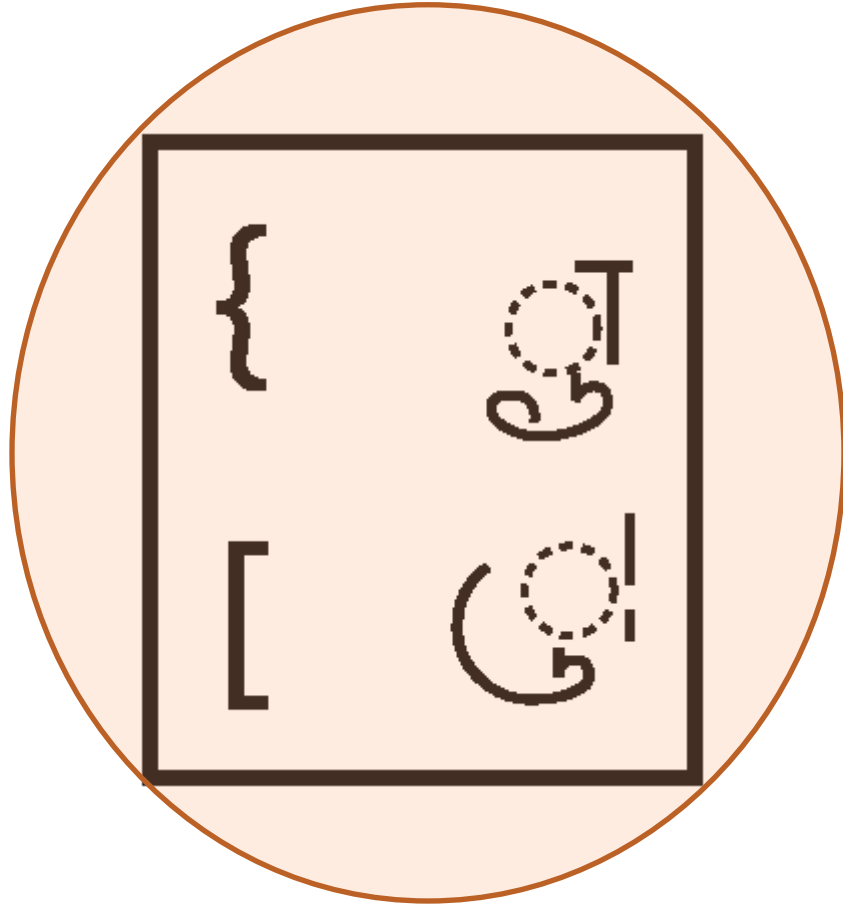
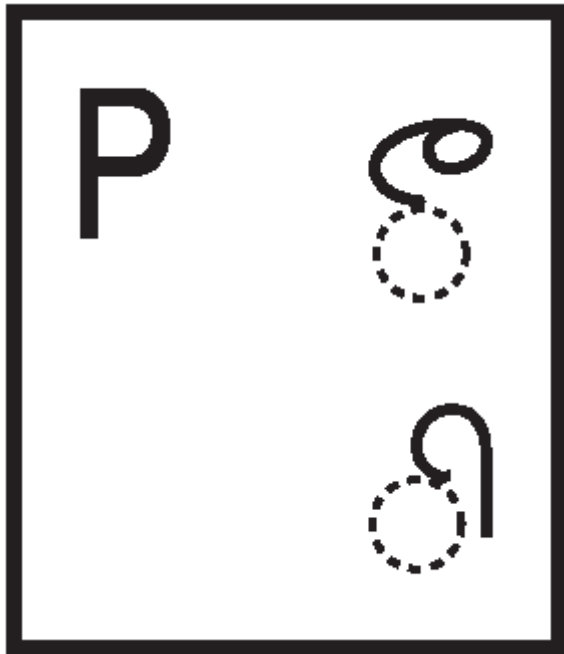
BENEFITS AND FEATURES

- Uniformity implemented
 - ட, டீ been removed, it will be generated like other similar letters such as கி, கீ, சி, சீ..
 - All pure Tamil consonants (18) can be typed without using SHIFT key (ழ, ழீ also now can be typed using without SHIFT key)
 - All Grantha letters are placed in QWERT row with SHIFT key combination in the order of next to each other (ஸ, ஷ, ஜ, ஹ, கூ, and ழீ)
 - The Tamil numerals and Tamil symbols are placed with right ALT key combination



BENEFITS AND FEATURES

- The உ, ஊ modifier been implemented
 - The scatted letters been removed from the layout (கு, கூ, மு, மூ.....)



BENEFITS AND FEATURES

- Most of the characters can be formed without using the SHIFT keys
 - exception ऋ, ॠ, ॡ modifiers and Grantha letters
- Unicode implemented
 - The output will be Unicode
 - Driver will be able to handle mistyped errors (such as ि cannot typed followed by a vowels)



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THE END

Thank You

