Silicon Integration Initiative, Inc.
Certificate of Originality

Submitting Company:

VOOM, INCORPORATED

Name of Submitted Material:

oaString ENHANCED FOR UTF-8 INTERNATIONALIZATION

Submitter's Name:

JOHN MCGHEE

Submitter's email address:

siz@voom.net

Submitter's Phone number:

(408) 314-1624

General description of the submitted material:

oaString CLASS ENHANCED FOR UTF-8,
ENABLING STRINGS TO CONTAIN ANY
LANGUAGE.

Also Bug Fixes for Bugs 1280, 1283, 1284, 1285

Is documentation included in the submitted material?

Yes [ ] No [X] (Circle one) SEE www.voomb.net/internationalization-oastring

Does your company intend to submit the Submitted Material to any other organization?

Yes [ ] No [X] (Circle one)

If yes, identify the name of such organization and when it is planned:

Organization Name:

Date:

When was the creation of submitted material completed? (except for minor error corrections, etc.): Please format the date as MM/DD/YYYY

10/02/2010
Section 1. The questions in the following section relate to any portion of the submitted material which was newly created:

1.1. Was any portion of the submitted material not written by regular employee(s) of your company within the scope of their work assignment or job function?
   Yes ☐ No ☐ (Circle one)

1.2. Was any portion of the submitted material written by any third party other than employees of your company, including a vendor company, an independent contractor, a consortium, university, and temporary employee(s) of your company?
   Yes ☐ No ☐ (Circle one)

If yes, please provide the name of the vendor company, independent contractor, consortium, university, and temporary employee(s):

1.3. Do you have any actual knowledge of any existing or pending patents in relation to this material?
   Yes ☐ No ☐ (Circle one)

If yes and if they are controlled by your company, please identify the existing or pending patents and their status at the time of COO submission in a separate attachment.

Note: The executing party is under no obligation to perform patent searches prior to completing this form.

1.4. Have you included appropriate copyright and proprietary notices with your submission?
   Yes ☐ No ☐ (Circle one)

1.5. Does the submitted material conform to any particular technology standards?
   Yes ☐ No ☐ (Circle one)

If "Yes", please identify the technology standards below:

100% ORIGINAL CODE BY JOHN MAGEE, EMPLOYEE OF VOOM, INCORPORATED.

Please attach a copy or file of the written agreement and/or license under which the title or rights to the submitted material were acquired by your company. If the submitted material or any portion thereof was furnished by a vendor company or an independent contractor ("Vendor"), please attach a copy or file of the Vendor Certificate of Originality signed by the Vendor. In case you do not have such copies, please identify a contact person (e.g. contract administrator) who can provide such copy.
1.6. Is the submitted material a “Contribution” under the OpenAccess Internal Use and Distribution License (“OA License”) or subject to the terms and conditions of an existing license?

☐ Yes | ☐ No (Circle one)

If “Yes”, please identify the License relating to the submission below:

OA LICENSE ONLY

Section 2. The questions in the following section relate to any preexisting material:

2.1. Is any portion of the submitted material composed of or derived from preexisting copyrighted code or material, including any code, library (e.g. software licensed under the OpenAccess Internal Use and Distribution License a.k.a., “OA License”), freeware, shareware, open source software; software licensed under the GNU GPL license such as LINUX or Samba; software licensed under the Mozilla Public License, Apache license, BSD License, MIT License, etc), textbooks, publications or other preexisting material (“Preexisting Material”),

☐ Yes | ☐ No (Circle one)

If yes, please identify.

OA LICENSE ONLY

2.2. Does any portion of the submitted material link to open source Preexisting Material (e.g. by using an open source software development kit), regardless of whether it is obtained internally (e.g. upgrade of previous version of a product from your company) or externally (e.g. material on the Internet)?

☐ Yes | ☐ No (Circle one)

If yes, please identify.

2.3. Does any portion of the submitted material link to any open source library or other open source software (“OSS Library”)?

☐ Yes | ☐ No (Circle one)

STANDARD LIBRARY VIA wchar.h
If yes, please, identify:

C STANDARD LIBRARY VIA wchar.h

2.4. Is any portion of the Preexisting Material owned by your company or an affiliate?
Yes | No (Circle one)

If yes, please, provide the name of the Preexisting Material:

2.5. Is any portion of the Preexisting Material owned by any third party other than your company or an affiliate?
Yes | No (Circle one)

If yes, please, provide the name of the material owned by the third party:

2.6. Were the "external characteristics" of the submitted material or any portion thereof copied or derived from the preexisting "external characteristics" of other software or copyrightable material ("Preexisting Externals")? ("External characteristics" include display screens, data formats, instruction or command formats, operator messages, interfaces, images, video, sound recordings, icons, etc.)?
Yes | No (Circle one)

If yes, please provide the name and description of such external characteristics and where it was derived from:

Note: If you have any reason to believe there are circumstances that might impact your company's ability to reproduce, distribute and market the submitted material to others (such as, confidentiality or trade secret restrictions, royalty or other
payment obligations, licenses, rights to privacy and preexisting obligations your company might have to another party for the same materials) that have not been captured by the information that you have provided above, please contact the responsible attorney in your company before completing this certificate and identify any such circumstances here:

By submitting this form, you acknowledge to Si2 that:

a. You have direct knowledge of the development or creation of this submitted material,
b. All statements made in this Certificate of Originality are believed to be true,
c. Either; (i) you or your company are the sole owner of the copyright for the submitted material, or (ii) you or your company have all rights necessary to make the submission,
d. All third party copyright holders have been identified in the submitted material,
e. The submitted material complies with all third party licenses associated with this submission,
f. The submitted material does not contain any harmful program code or "viruses" and that it will not introduce any harmful program code or viruses into any Si2 website,
g. No copyright or other notices of third parties have been removed from the submitted material, and
h. You are authorized to sign on behalf of the Company named below.

AGREED TO AND ACCEPTED

Name: John Mellen
Title: PRESIDENT

Company/Organization: VOOM, INCORPORATED

Signature: John Mellen
Date: OCT 02, 2010