                          Release Notes

                            MAGE-OM API
                            Version 1.6
                           November 2007

        National Cancer Institute Center for Bioinformatics

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    Contents
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    1.0 MAGE-OM API Introduction
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    The caArray (http://caarray.nci.nih.gov/) software has been developed by
    the NCI Center for
    Bioinformatics (NCICB) to create an information-sharing network modeled on
    the World Wide
    Web. caArray consists of a microarray database and microarray data
    visualization and analysis
    tools. caArray is an open source project, and the source code and APIs are
    available in the
    caArray Informatics page of the NCICB website. The goals of the project
    are to make microarray
    data publicly available, and to develop and bring together open source
    tools to analyze these
    data. Existing caArray documentation can be found on the caArray page of
    the NCICB website:
    http://caarray.nci.nih.gov/caARRAY/devdoc/caarraydbdocs .

    The caArray MAGE-OM API is a set of Java objects that adhere to the object
    model defined by
    OMG's Gene Expression v1.1. The caArray MAGE-OM API objects provide access
    to data in
    the caArray database via Remote Method Invocation (RMI) call issued to a
    dedicated MAGE
    server at NCI or any other site with an accessible MAGE-OM server
    installation. There are two
    primary types of objects defined in the API:
      1. MAGE-OM-compliant interfaces
      2. Custom MAGE-OM Impl (implementation) objects
    The MAGE-compliant objects are defined as Java interfaces, which the
    custom MAGE-OM Impl
    Java classes implement. This ensures the custom MAGE-OM Impl provide a
    MAGE-OM
    compliant API. The MGED Society web site is an excellent source for
    supplemental material on
    the MAGE object model.

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    2.0 Release History
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    MAGE-OM API v1.6   -- November 2007
    MAGE-OM API v1.5   -- June 21, 2007
    MAGE-OM API v1.3   -- October 20, 2005

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    3.0 New Features and Updates
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    4.0 Defects Fixed Since Last Release
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    - Bug 7062 Incorrect Information in caArray 1.5 MAGE-OM_1.1 API
    Installation Guide
    - Bug 8864 Equal - Not Equal Query on Same ID produces Same Result
    - Bug 9059 Most JUnit tests fail on Local Installation of MAGE-OM API


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    5.0 Known Issues/Defects
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    - See GForge for existing open bugs and feature requests,
      http://gforge.nci.nih.gov/tracker/?group_id=82

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    6.0 Bug Reports, Feature Requests, and Support
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    Send email to ncicb@pop.nci.nih.gov to request support or
    report a bug or request a new feature. Existing requests and
    resolution may be viewed at the caArray GForge URL:

    http://gforge.nci.nih.gov/tracker/?group_id=82


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    7.0 Documentation and Files
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  All documentation and files are bundled with the distribution.
  Documentation can be found in the docs subdirectory of this
  distribution.


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    8.0 NCICB Web Pages
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    The NCI Center for Bioinformatics
    -- http://ncicb.nci.nih.gov/

    NCICB Application Support
    -- http://ncicb.nci.nih.gov/NCICB/support

    NCICB Download Center
    -- http://ncicb.nci.nih.gov/download/
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