



BML Reporting provides a wide variety of reports that enable users to leverage the information contained within BML business models to identify opportunities for business improvement and automatically generate accurate and concise business requirements.

BML BUSINESS REQUIREMENTS GENERATOR

The BML Business Requirements Document Generator is a robust suite of reports designed to support and enable IT initiatives, most notably the automatic generation of accurate, systematic and consistent business requirements from BML models. Reports include the following:

NAME	DESCRIPTION
Extended Requirements Automated-Manual Activities	This section lists the business activities requiring technology enablement or automation for the specific business process and lists the business activities which will remain manual requiring no technology enablement or automation for the specific business process.
Extended Requirements CRUD	Provides a detailed list of the business activities and specific users (organizational units, roles or persons) requiring system access to business information to perform the business activities.
Extended Requirements Database Schema	Lists all tables (database files) required by the business and can be used during the Technical Design phase to design the physical database/structures. It denotes all table (database file) names, suggested keys, attributes (fields) names and metadata requirements associated with attributes (fields).
Extended Requirements Desired Technology	Lists the desired technology that will be used by the finished product.
Extended Requirements Information Attribute Requirements	Lists requirements for business information attributes of business entities (i.e. descriptors of things or events for the specific business process covered in the BRD): name, type, length, whether the attribute is required or not, default value if applicable, and valid values if applicable.
Extended Requirements Information Requirements	Lists requirements for business information entities (i.e. things or events): name, descriptors (attributes), sub-types, and the relationships between business information entities for the specific business process covered in the BRD.
Extended Requirements	Provides two dimensional view of business information security and access requirements for the specific business process covered



Extended Security and Access Requirements	in the BRD. Who (organizational unit, role, or person) uses and/or creates business information as a result of performing the business activities.
Extended Requirements Maintenance Scripts	Contents generated using Pattern Logic to deduce specific maintenance routines that need to be created by IT. It also contains suggested maintenance scripts that could be used to maintain all tables (database files) specified in the BML models.
Extended Requirements Multi-Dimensional Affinity Matrix	Displays all objects, relationships, profiles, and notes included in HOW models.
Extended Requirements Object Glossary	Assists in bringing together associates of different backgrounds, specialties and experience, by providing a common understanding of terminology used in the defined business process. The objective(s) of the definitions are to: <ul style="list-style-type: none">• Define all terms that may have special meaning• Define all acronyms
Extended Requirements Object Notes Report	Provides additional metadata pertaining to the business process defined by the various BML business models.
Extended Requirements Performance and Volume Requirements	Displays expected transaction volume, anticipated growth, data aging (history needs), as well as access requirements for the business activities related to the specific business process.
Extended Requirements Profile Filter Report	Provides additional metadata pertaining to the business process defined by the various BML business models.
Extended Requirements Project Information	Provides project information.
Extended Requirements Reporting Requirements	Lists business reporting requirements for the specific business process.
Extended Requirements Revision History	Captures a history of the revisions made.
Extended Requirements Topography-Event Trigger Requirements	Lists requirements describing the location where business activities for the specific business process are performed and lists business event trigger requirements that describe the governing time frames or time units and temporal business rules pertaining to the business activities for the specific business process.
Extended Requirements Workflow Requirements	Lists the BML HOW models that have been documented for the specific business process.
Extended Requirements Use	Generates textual based Use Cases from the BML HOW models



Cases	that have included in the report.
Extended Business Requirements Document (BRD)	Auto-generates a business requirements document based on a generic requirements template that includes a set of pre-defined report sections and a report structure which can be formatted by the user.

The BML Extended Business Requirements Document may be output as a Web Page (.html), Web Page Archive (.mht) or Microsoft Word document (.doc).

BML BUSINESS REQUIREMENTS GENERATOR CONTENT

BRD Introduction

- **Title**
 - Specifies the title of the BRD
- **Revision History**
 - Captures the history of the revisions made to the BRD
- **Authors**
 - Lists contact information for the authors of the BRD
- **Security Classification**
 - Describes the security classification of the BRD (ie. Secret, Public, etc.)

Project Information

- **Project Name**
 - Specifies the name of the project
- **Project Description**
 - Provides the description of the project
- **Project Sponsors**
 - Lists contact information for the project sponsors
- **Project Participants/Contributors**
 - Lists contact information for the participants and contributors of the project
- **Project Assumptions**
 - Lists assumptions for the project
- **Project Constraints**
 - Lists constraints for the project
- **Project Interdependencies**
 - Lists interdependencies for the project
- **Project Financial and Budget Estimates / Constraints / Parameters**



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BML BUSINESS REQUIREMENTS DOCUMENT GENERATOR (BRD)

- Lists financial and budget estimates, constraints, and parameters for the project
- **Project Delivery Timeline**
 - Describes the timeline for the project

Business Requirements Information

- **Business Purpose Statement**
 - Describes the business purpose for the specific business process covered in the BRD
- **Business Activities Automation Requirements**
 - Lists the business activities requiring technology enablement or automation
- **Manual Business Activities**
 - Lists the business activities which will remain manual requiring no technology enablement or automation
- **Business Information Entity Requirements**
 - Lists requirements for business information entities (i.e. things or events): name, descriptors (attributes), sub-types, and the relationships between business information entities
- **Business Information Attribute Requirements**
 - Lists requirements for business information attributes of business entities (i.e. descriptors of things or events): name, type, length, whether the attribute is required or not, default value if applicable, and valid values if applicable
- **Business Information Security and Access Requirements**
 - View of business information security and access requirements for the specific business process covered in the BRD. Who (organizational unit, role, or person) uses and/or creates business information as a result of performing the business activities.
- **Business Reporting Requirements**
 - Lists business reporting requirements for the specific business process covered in the BRD
- **Business Topography Requirements**
 - Lists requirements describing the location where business activities are performed
- **Business Temporal Requirements**
 - Lists requirements describing the timing of when business activities are performed
- **Business Work Flow Requirements**
 - Lists the BML HOW models that have been documented for the specific business process covered in the BRD



Business Performance Requirements Information

- **Desired Technology**
 - Lists the desired technology that will be used by the finished product
- **Business Information Performance and Volume Requirements**
 - The requirements captured in these sections pertain to business information expected transaction volume, anticipated growth, data aging (history needs), as well as access requirements for the business activities related to the specific business process covered in the BRD

Specification / Design Support Requirements Appendices

- **API and Maintenance Script Requirements**
 - The content in this appendix is generated using Pattern Logic to deduce specific maintenance routines that need to be created by IT. It also contains suggested maintenance scripts that could be used to maintain all tables (database files) specified in the BML models.
- **Logical Data Schema Requirements**
 - This appendix lists all tables (database files) required by the business and can be used during the Technical Design phase to design the physical database/structures
- **Data Transformation Requirements (CRUD)**
 - The set of requirements contained in this appendix provides a detailed list of the business activities and specific users (organizational units, roles or persons) requiring system access to business information to perform the business activities

Business Models

These sections provides a visual representation of the business models

- **WHAT Model(s)**
 - Visual representation of the WHAT model
- **WHICH Model(s)**
 - Visual representation of the WHICH model
- **WHO Model(s)**
 - Visual representation of the WHO model
- **WHERE Model(s)**
 - Visual representation of the WHERE model
- **WHEN Model(s)**
 - Visual representation of the WHEN model



HOW Models

This section provides a representation of the complete business process flow and sequenced activities. It may include all five BML dimensions in order to provide a single comprehensive view of the business operation.

Other Appendices

- **Glossary of Business Terms**
 - The glossary appendix assists in bringing together associates of different backgrounds, specialties and experience, by providing a common understanding of terminology used in the defined business process. The objective(s) of the definitions are to:
 - Define all terms that may have special meaning
 - Define all acronyms
- **Integrated Multi-Dimensional Report**
 - Lists all objects, relationships, profiles, and notes included in the HOW models
- **Business Model Notes/Commentary**
 - Provides additional metadata pertaining to the business process defined by the various BML business models
- **Business Model Profile Information**
 - Provides additional metadata pertaining to the business process defined by the various BML business models
- **Dimension Relationship Reports**
 - Provides additional metadata pertaining to dimension relationships defined by the various BML business models
- **Use Cases**
 - Provides textual based Use Cases pertaining to the business process defined by the various BML business models



HARDWARE & SOFTWARE REQUIREMENTS

COMPONENT	REQUIRED SPECIFICATIONS
Processor	<ul style="list-style-type: none">• 1-gigahertz (GHz) Intel Pentium-class processor
Operating System(s)	<ul style="list-style-type: none">• Windows 7• Windows Vista• Microsoft Windows® Server 2003*• Windows XP Professional*• Windows XP Home Edition• Windows 2000*• Windows Millennium Edition (Windows Me)• Windows 98• Microsoft Windows NT® 4.0 Service Pack 6a
Memory	<ul style="list-style-type: none">• 1 gigabyte (GB) of RAM, 2 gigabyte (GB) recommended
Hard Disk	<ul style="list-style-type: none">• 20 MB of hard disk space required
Display	<ul style="list-style-type: none">• 800 x 600 or higher-resolution display with 256 colors
Input Device	<ul style="list-style-type: none">• Microsoft mouse or compatible pointing device
Software	<ul style="list-style-type: none">• MDAC 2.7 (Required for the Microsoft.NET Framework)• Microsoft.NET Framework 2.0 Redistributable (.NET Framework Downloads)
Other	<ul style="list-style-type: none">• Microsoft Internet Explorer 5.5 or later is required to use the BML Web Reader• Install the latest Windows service packs and critical updates from the Windows Update site. <p><i>Note: An Internet connection is required the first time you run the BML W5 software.</i></p>

DISTRIBUTION MEDIA

BML Extended Business Requirements and corresponding software updates are distributed over the Web via the BusinessGenetics Web site at www.BusinessGenetics.com. A CD can be provided upon request.



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BML BUSINESS REQUIREMENTS DOCUMENT GENERATOR (BRD)

ORDERING INFORMATION

BML Business Requirements Document Generator may be ordered through BusinessGenetics, authorized reseller of all BML Innovations (BMLi) products, at 720.266.1024.

SOFTWARE PRODUCT SERVICE

Software support and maintenance is offered on an annual basis. Support is offered via phone (+1.303.792.3086), email and MSN Messenger (support@xBMLinnovations.com), the BusinessGenetics Web site at www.BusinessGenetics.com, and through an online Support Public Forums hosted on the Web site. Details are included with the Annual Maintenance & Support Agreement. Software updates are provided through the Software Update Wizard within BML W5, which automatically checks and downloads updates from the BML Innovations Web site at specified intervals. Alternatively, the Wizard can be run manually at any time.

SOFTWARE WARRANTY

BML Business Requirements Document Generator is warranted to conform to its specifications for a period of thirty (30) days after delivery to the Client.