New Features

- Indexing ANY type of data easily using the LuceneEngine index/search providers
- PDF Indexing for Umbraco
- XSLT extensions for Umbraco
- Data Type declarations for indexed fields
- Date & Number range searching

Components

- Examine.DLL
  - Contains all base providers
  - Contains the LuceneEngine
  - Contains the *SimpleDataProvider* for indexing any type of data source
- UmbracoExamine.DLL
  - Contains all Umbraco specific providers
  - Contains XSLT Umbraco extensions
- UmbracoExamine.PDF.DLL
  - Used for indexing PDFs

Upgrading

- All configuration sections should be backwards compatible, however it is recommended to upgrade configuration sections to use the current class names:
  - *UmbracoExamine.Config.ExamineLuceneIndexes* should now be*: Examine.LuceneEngine.Config.IndexSets*
  - *UmbracoExamine.LuceneExamineSearcher* should now be*: UmbracoExamine.UmbracoExamineSearcher*
  - *UmbracoExamine.LuceneExamineIndexer* should now be: *UmbracoExamine.UmbracoExamineIndexer*
  - *UmbracoExamine.MemberLuceneExamineIndexer* should now be*: UmbracoExamine.UmbracoMemberIndexer*
  - There are breaking changes in this release. However, unless you are directly referencing the internal operations in the Examine API, you application should remain compatible. It is **HIGHLY** recommended that you take a backup of your application before deploying these new assemblies. It is also HIGHLY recommended that if you have used the Examine APIs whatsoever that you upgrade your Visual Studio project with these new assemblies, ensure your project compiles and test to make sure that indexing/searching is working and that there are no erorrs in your log file/database.

- The *UmbracoExamine.Contrib* library **no longer exists**. PDF indexing is now done using the *UmbracoExamine.PDF library*. XSLT extensions are now in the core of UmbracoExamine.DLL

Breaking changes

- The following classes have been moved from the UmbracoExamine.DLL to the Examine.DLL. **HOWEVER**, **existing Examine configuration files will continue to work even though these classes have been moved**. There will only be problems, if you are directly referencing these classes in your code:
    - *UmbracoExamine.SearchCriteria.LuceneSearchExtensions* -> *Examine.LuceneEngine.SearchCriteria.LuceneSearchExtensions*
    - *UmbracoExamine.Config.IndexField* -> *Examine.LuceneEngine.Config.IndexField*
    - *UmbracoExamine.Config.IndexFieldCollection* -> *Examine.LuceneEngine.Config.IndexFieldCollection*
    - *UmbracoExamine.Config.IndexFieldCollectionExtensions* -> *Examine.LuceneEngine.Config.IndexFieldCollectionExtensions*
    - *UmbracoExamine.Config.IndexSet* -> *Examine.LuceneEngine.Config.IndexSet*
    - *UmbracoExamine.Config.IndexSetCollection* -> *Examine.LuceneEngine.Config.IndexSetCollection*
    - *UmbracoExamine.Config.IndexSets* -> *Examine.LuceneEngine.Config.IndexSets*
    - *UmbracoExamine.DocumentWritingEventArgs* -> *Examine.LuceneEngine.DocumentWritingEventArgs*
    - *UmbracoExamine.FileSystemExtensions* -> *Examine.LuceneEngine.FileSystemExtensions*
    - *UmbracoExamine.IndexerExecutive* -> *Examine.LuceneEngine.IndexerExecutive*
    - *UmbracoExamine.IndexerExecutive* -> *Examine.LuceneEngine.IndexerExecutive*
    - *UmbracoExamine.SearchResults* -> *Examine.LuceneEngine.SearchResults*
    - *UmbracoExamine.SearchResults* -> *Examine.LuceneEngine.SearchResults*
    - *UmbracoExamine.SerializableDictionary* -> *Examine.LuceneEngine.SerializableDictionary*
    - *UmbracoExamine.SerializableDictionaryExtensions* -> *Examine.LuceneEngine.SerializableDictionaryExtensions*
    - *UmbracoExamine.LinqXmlExtensions* -> *Examine.LuceneEngine.ExamineXmlExtensions*
        - This class has also been refactored, some method names have changed:
            - *UmbIsElement* -> *IsExamineElement*
            - *UmbIsProperty* -> *IsExamineProperty*
            - *UmbNodeTypeAlias* -> *ExamineNodeTypeAlias*
            - *UmbSelectDataValue* -> *SelectExamineDataValue*
            - *UmbSelectPropertyValue* -> *SelectExaminePropertyValue*
- The class *UmbracoExamine.Config.UmbracoFieldPolicies* has been completely removed

From RC3

- The Examine.LuceneEngine.DLL no longer exists
  - The Lucene engine has been incorporated into Examine.DLL
- *UmbracoExamineIndexer* renamed to *UmbracoContentIndexer*
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