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Common JSON structure for Content

Shown below is the standard JSON fields for Content that will be provided by the back end Content Locator. (From Wicked Elf release and onwards)

It contains mostly mandatory fields that should be supplied with data regardless of whether the content is a Business, Article, Event, Listing, Module, etc.

NOTES:

As of 24/03/2010

- Null values are no longer replaced with an empty string ("").
- The structure for the entity details pages have been changed. The new version no longer contains a control and an items object.

As of 30/03/2010

- The domain field has been dropped. Default channel will be used to derive the domain instead.
- The default image should be included on the images/posters array (duplicated) if the json object is for a module. The purpose of this is to ensure that the

photo count (such as those used in movie photo galleries) accurately show the number of media it has.

- If the object is a detail page (i.e. Movies detail page), it should not be duplicated since the business rules specifically does not allow duplicate

images appearing on the same page

As of 31/03/2010

- Removed videos field from the common json structure since it is not always supplied

As of 12/04/2010

- The "type" field has been renamed to "entity_type".

As of 21/04/2010

- All "_on" fields (discard_on, publish_on, created_on, updated_on) should be in the YYYY-MM-DD HH:MM format.
- Other date fields (i.e. start_date, end_date) should be in the YYYY-MM-DD format

Common and generic structures

- [Common Modules and Listing Data](#): the format of all lists of items, including modules.
- [Generic Entity Data?](#)
- [Generic Review Data](#): The structure of the list of reviews on an entity page.
- [Generic Review Modules](#): The structure used by reviews modules for businesses and movies and star reviewers.
- [Common sub records](#): JSON fragments

* Note, the JSON samples here are for illustration purposes only, and will be considered as invalid by json validators such as jsonlint (primarily because json doesn't have a way to declare comments //).

Other module entities have some nuances to the JSON fields that they contain. The links below provide more details. After the links, the name of the bean (see portlet-servlet.xml) needed for the frontend pages.xml files and the XSD defining the data type are listed. I am sure you'll notice the pattern.

Article samples

- [Article Details Page](#) (bean: ArticleDetailsDataSource, ArticleDetails.xsd)
- [Article Modules](#) (bean: ArticleModulesDataSource, ArticleModules.xsd)

Business samples:

- [Business Category Tree](#) (bean: BusinessCategoryTreeModulesDataSource, BusinessCategoryTree.xsd)
- [Business Details Page](#) (bean: BusinessDetailsDataSource, BusinessDetails.xsd)
- [Business Details Reviews](#)
- [Business Modules](#) (bean: BusinessModulesDataSource, BusinessModules.xsd)
- [PlacesToGo Modules](#) (bean: BusinessModulesDataSource, BusinessModules.xsd) - Usage detailed inside

Promotion (aka Hot Deals / Bank Promos) samples

- [Promotions Modules](#) (bean: PromotionsModulesDataSource, PromotionsModules.xsd)
- [Bank Promotions](#)
- [Promotions Listing Pages](#)

Movie samples:

- [Movie Details Page](#) (bean: MovieDetailsDataSource, MovieDetails.xsd)
- [Common Movie Modules](#) (bean: MovieModulesDataSource, MovieModules.xsd)
- [Movie Trailers Page](#) (bean: MovieTrailersModulesDataSource, MovieTrailers.xsd)
- [Coming Soon Page](#) (bean: MovieComingSoonModulesDataSource, MovieComingSoonModules.xsd)
- [Movie Showtimes Module](#) (bean: MovieShowtimesDataSource, MovieShowtimes.xsd)
- [Box Office Movie Modules](#) (bean: BoxOfficeModulesDataSource, BoxOfficeModules.xsd)
- [Cinema Search](#)

Gallery samples

- [Movie Photo Gallery Details Page](#) (bean: MovieGalleryDetailsDataSource, MovieGalleryDetails.xsd)
- [Gallery Modules](#) (bean: MovieGalleryModulesDataSource, MovieGalleryModules.xsd)

Event samples:

- [Event Details](#) (bean: com-insing-portal-framework-data-EventDataSource, EventDetails.xsd)
- [Event Modules](#) (bean: EventModulesDataSource, EventModules.xsd)
- [Event Calendars](#) (bean: EventCalendarModulesDataSource, EventCalendarModules.xsd)

User Profiles samples:

- [User Profile Page](#) (bean: UserProfileModulesDataSource, UserProfileModules.xsd)
- [User Following Modules](#) (bean: UserFollowingModulesDataSource, UserProfileFollowingModules.xsd)
- [Followers Modules](#) (bean: UserFollowersModulesDataSource, UserProfileFollowersModules.xsd)
- [Bookmarks Module](#) (bean: UserProfileBookmarksModulesDataSource, UserProfileBookmarksModules.xsd)
- [User Reviews Modules](#) (bean: UserProfileReviewsModulesDataSource, UserProfileReviewsModules.xsd)

Expert Reviews and Series (Expert articles)

- [Expert Modules](#) (bean: ExpertsModulesDataSource, ExpertsModules.xsd)
- [Expert Details](#) (bean: ,)
- [Popular Expert Modules](#) (bean: ,)
- [Expert Follower Modules](#) (bean: ExpertsFollowerModulesDataSource, ExpertsFollowerModules.xsd)
- [Expert Review Modules?](#) (bean: ??)
- [Expert Article Modules?](#) (bean: ??)

Sitemap Samples

- [A-Z Business Listing](#)

Miscellaneous JSON objects:

These are used for drop-downs, menu items, etc. These intentionally do not have the standard fields mentioned above.

- [Event Category Sub Menu](#) (bean: EventCategorySubMenuDataSource, EventCategorySubMenu.xsd)
 - [Fast Finder Options](#)
 - [Restaurant Cuisine List?](#)
 - [Hawker Centre List](#)
 - [Featured Series List](#)
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