

# **ZapSite**<sup>TM</sup>

Website Content Management & Publishing System

# **Feature**

# Documentation





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# Introduction to zapSite™

ZapSite is an intuitive, feature-rich, web-based Content Management and Publishing System. It makes it easier for you to create, edit and publish content on your Website or your Intranet.

ZapSite stores content in a database separately from the templates that control its appearance, so content can be updated or reused in various contexts without anyone touching the HTML.

ZapSite helps you streamline your website management and publishing processes. It allows you to develop an information architecture that is robust, yet flexible. It allows you to manage your content efficiently and cost-effectively.

Historically, website publishing has required significant technical skills (HTML, programming). ZapSite allows non-technical authors and editors to easily and quickly publish their content.

The features are divided into the following key areas:

- 1. Content Creation
- 2. Content Management
- 3. Publishing
- 4. Members-only Access



# 1. Content Creation

ZapSite provides a robust Web-based interface for site planning and authoring content. Intuitive Web forms guide you through the entire page creation process.

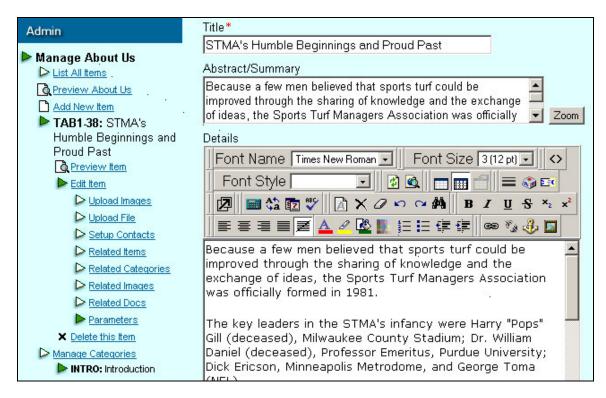
The built-in WYSIWYG HTML editor and Image manager gives you complete layout flexibility without loosing consistency.

Pages that normally would take hours to create using traditional Web-editing tools like FrontPage® or Dreamweaver®, only take minutes using ZapSite.

# 1.1. Integrated authoring environment

ZapSite provides a seamless and powerful environment for content creators. This ensures that authors have easy access to the full range of features needed to complete their task. The authoring environment includes:

- ✓ Intuitive Web forms
- ☑ Context-sensitive menus
- ☑ WYSIWYG HTML Editor
- ✓ Numerous data validation checks

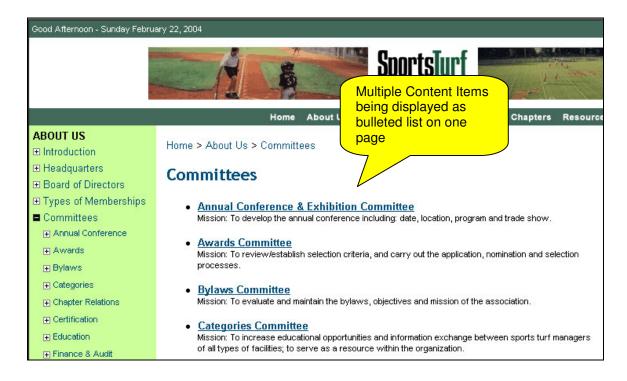




### 1.2. Content Item

At the heart of ZapSite is the concept of Content Items. A Content Item is the smallest unit of content comprising of text, related images, links, files, contacts, and formatting parameters. Based on the context, a content item can represent an entire page or a section within a page.







# 1.3. Image Management

ZapSite allows you to attach unlimited number of images with each content item. You can use the 'Upload Image' feature to upload one or more images without worrying about image size or other formatting parameters.

ZapSite automatically stores the images and then places them intelligently on the Web page to match the content. Even a novice user can create visually appealing pages with minimal effort and no HTML experience. Advanced users can use the WYSIWYG editor to gain full control of image placement and sizing.

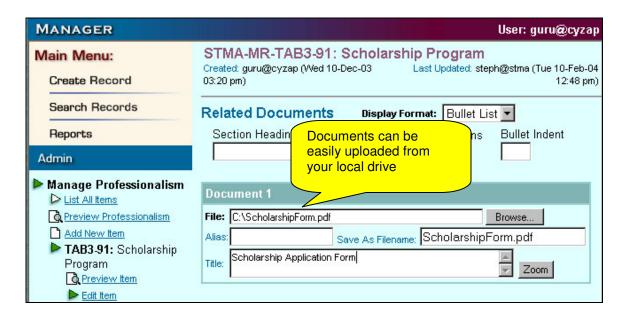


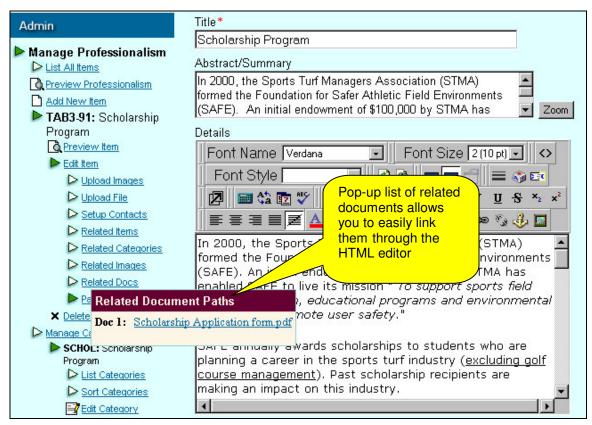




# 1.4. Document Management

With ZapSite, you can attach any number of files and documents (of any format) with each Content Item. ZapSite automatically stores those files and easily lets you insert links to those files within the text of your Content Item.

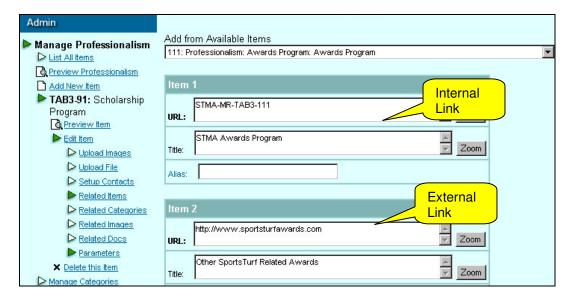






# 1.5. Link Management

ZapSite allows you to associate any number of links with each Content Item through the 'Related Items' option. The links could represent other content items (which can be quickly selected from a drop-down list) or refer to external sites. You can then easily insert the defined links through the HTML editor or let ZapSite automatically display them when publishing the page.



# 1.6. Separation of content and presentation

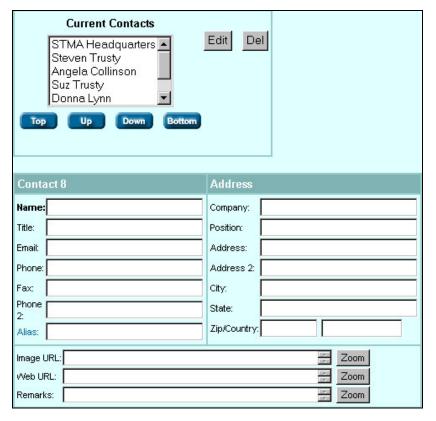
With ZapSite, users only need to focus on creating and managing the content. The system automatically formats the content and navigation structure to adhere to your site's overall look and feel. Any site-level changes can be easily propagated throughout the entire site with just a couple of clicks.

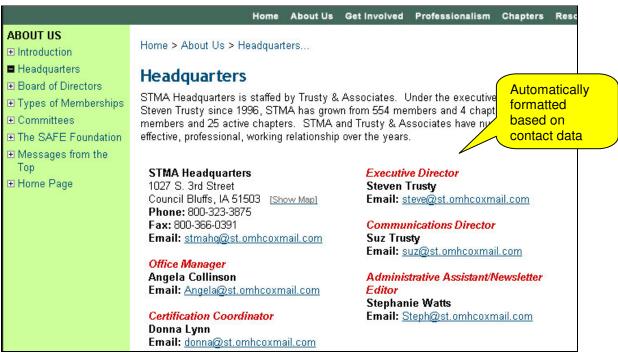




### 1.7. Contact Roster

ZapSite lets you quickly publish a contact roster by simply filling out a contact form. You can pick from various formatting styles to display the contact list within your page content.







# 1.8. Metadata-based Management

Capturing metadata (creator, subject, keywords, etc) is critical when managing a large content repository. This also includes keyword indexes, subject taxonomies and topic maps.

ZapSite allows you to classify your content by section (Tab), date, category, sub category, title, and several other parameters and then utilizes that information to render web pages, site map, navigation and pop-up menus, navigation paths, and search options.







# 1.9. Automatic Index Pages

With ZapSite, you can automatically create index pages for a section or group of pages. The index pages can be formatted as bulleted lists, news headlines, thumbnail views, FAQ style, or any custom format.

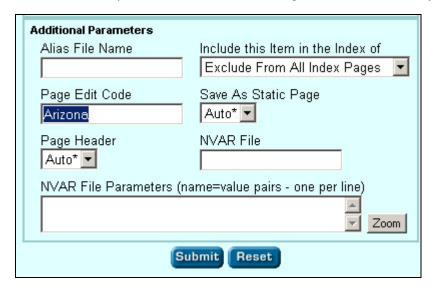






# 1.10. Page Editing by Access code

You can designate an access code for each content item. This allows any user, who has the access code, to update the content for that particular item without needing access to the entire system.









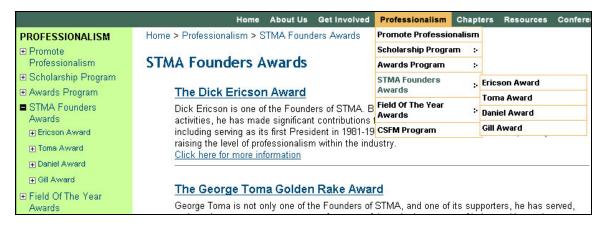
### 1.11. Multi-user authoring

ZapSite allows a site to be authored by multiple simultaneous users. It also allows you to manage who creates, edits and publishes content. You can allocate specific publishing rights to individuals on a section-by-section basis.

# Admin Manage Payments Manage About Us Manage Get Involved Manage Professionalism Manage Chapters Manage Resources Manage Conferences Manage Newsletter Manage Member Services

# 1.12. Pop-down menus

ZapSite automatically displays pop-down menus to help visitors quickly locate information within your Website. The menus can be automatically updated to reflect any changes to the site structure.





# 2. Content Management

ZapSite completely automates the storage and management of textual content and all related resources thereby eliminating the headaches of naming files and folders.

The built-in indexing agent provides fast and robust site search functionality. Web pages are initially generated dynamically but then stored as static files for maximum performance.

# 2.1. Storage Management

ZapSite stores the text content and all the meta-data (site structure, formatting parameters, indexes etc) in a central relational database. The associated images and documents are stored in separate folders and subfolders but their paths are cross-referenced in the database.

The database-based framework helps in bulk-modifications and establishing import/export processes that may otherwise prove cumbersome using the Web data-entry interface.

# 2.2. Human Readable Page and Path Names

ZapSite stores all the Web pages statically with simple page names such as /aboutus/ or /news/pressreleases/.

ZapSite automatically keeps these static Web pages synchronized with any content changes.

# 2.3. Searching and Indexing

ZapSite automatically indexes your site's content and allows it to be searched via keywords. ZapSite also allows you to add your own abstract for each content item for better control on indexing and displaying of search results.





### 2.4. Content Review Workflow

ZapSite provides a simple but effective content review process. Essentially, you can place any content item under review and pass that item's link to the reviewer. The link allows the reviewer to view the content item in its Web page format.

After the review process is complete, the content item can be activated instructing ZapSite to immediately publish it on the Web site.

# 2.5. Content Archiving

ZapSite allows you to archive any section or page of your Website by simply setting its visible status to hidden. ZapSite removes the archived content from the navigation and pop-up menus but does not change the URL paths of those content items.

This ensures that all internal or external links to those content pages stay intact. Archived content is accessible via the search and site map features.



# 3. Publishing

ZapSite includes a versatile publishing engine that takes the stored content and metadata and generates the final Web pages. Each page adheres to the designated template, style sheet, and other formatting options to depict a consistent, professional appearance.

Smart-caching algorithms built into the publishing engine dramatically improve overall rendering speed while always reflecting the latest content.

# 3.1. Appearance

ZapSite allows the final appearance to be controlled through the use of style-sheets and page templates. This allows you to make site-level changes easily and quickly.

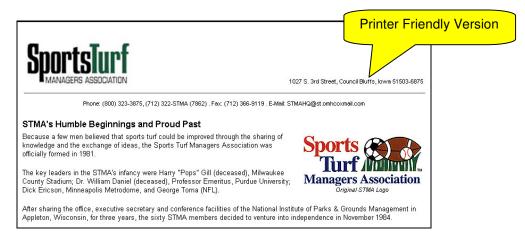




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### 3.2. Support for Multiple Formats

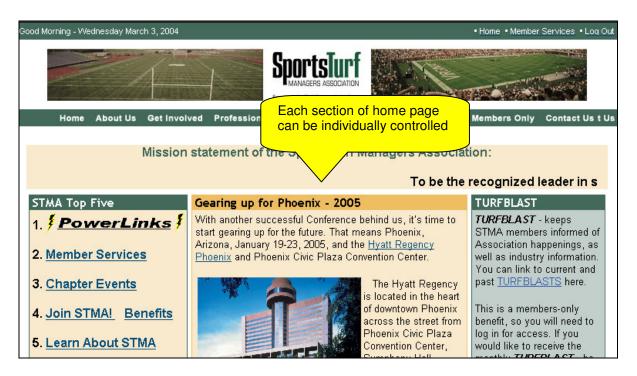
ZapSite allows your pages to be published in multiple formats such as HTML (web), printer-friendly, or email-compliant newsletters.

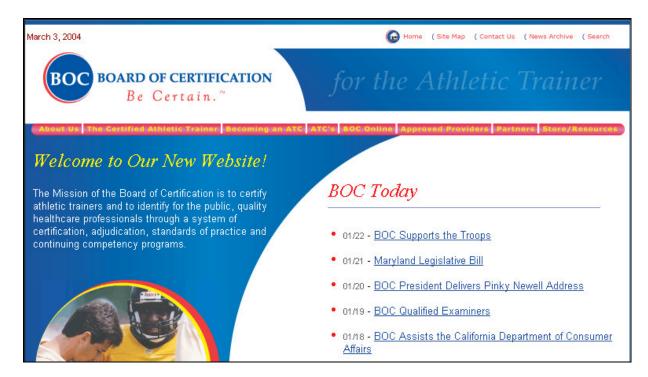




# 3.3. Home Page Management

With ZapSite, you can also manage and populate different sections of your home page with contents from different articles. You can add featured stories, display latest news headlines, quick links, etc. - all with a click of a button.

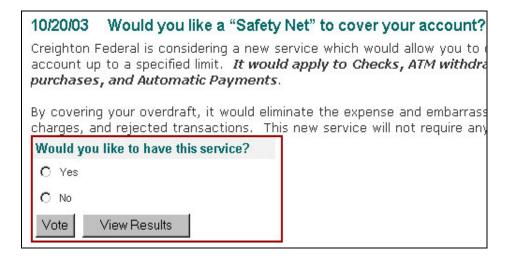






### 3.4. Quick Polls

You can add quick poll option to any article to get feedback from your visitors.





# 3.5. Search Engine Friendly

ZapSite automatically sets the title of each page based on content and meta data. This not only helps the end user but also allows search engines to index and display each page with the appropriate context.





# 3.6. Smart Image Handling

ZapSite supports an auto-thumbnail and zoom option for rendering large sized images to match the accompanying textual content. This allows non-technical users to upload their images without having to worry about images sizing and scaling issues.







# 4. Members-only Services

ZapSite seamlessly integrates with ZapManager (Cyzap's powerful Contact and Workflow Management System) to provide a comprehensive framework for creating any types of subscriber-specific online services. Various options for self-registration, login authentication, profile tracking, and online payments are supported.

# 4.1. Self Registration

The self-registration component allows subscribers interested in your services to register themselves (as per your business rules). The registration could be as simple as subscribing to an email-list or as complex as registering for multiple events at a conference with real-time credit card processing. Common scenarios supported by the self-registration component are:

- ☑ Email-list subscriptions
- ☑ Volunteer Signups
- ☑ Online Donations
- ✓ New Member Signup
- ☑ Interest Forms
- ☑ Conference Registration
- ☑ Online Applications

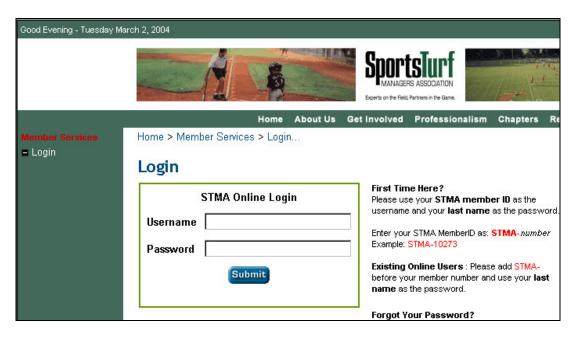






# 4.2. Login Authentication

The login component allows your subscribers/members to authenticate themselves and have access to their account and online services. The access can be restricted based on any type of business rules. For example, an association can provide the renewal option to any member who has not paid the dues for the upcoming year and hide that option for paid members.





# 4.3. Members-only Sections

With ZapSite, you can designate sections of your Website to be viewed only by your members. You populate the content in those sections just like you would populate the content on your public Website. ZapSite takes care of ensuring that only authenticated users get access to that content.



# 4.4. Profile Updates

You can allow your members to update their contact and profile information. All updates are automatically applied to the database and email notifications are sent to the designated email address.

