

## Redmine - Defect #40650

### Fix alt and title attributes when alt text is specified for attached images in Textile format.

2024-05-01 19:58 - Katsuya HIDAKA

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Wiki	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	6.0.0	<b>Affected version:</b>	
<b>Resolution:</b>			

#### Description

This patch fixes the following problems when specifying alt text for attached images in Textile format.

- When a description is set for an attached image, the specified alt text is ignored and the description of the attached image takes effect.
- Incorrect img tags are generated with duplicate definitions of alt and title attributes.

```
!ruby-logo.png (alt text)!
```

When "description" is set in the description of the attached image ruby-logo.png, the result of the above Textile is as follows

Wiki (when hovering over the image)	Generated HTML
before_wiki.png	<pre>&lt;img src="/attachments/download/31/logo.png"   title="description" alt="description"   loading="lazy"   title="alt text" alt="alt text" /&gt;&lt;/p&gt;</pre>

The current implementation expects to generate an img tag with "alt text" applied to the alt and title attributes, but actually generates an img tag with "description" applied.

This is due to the fact that the img tag defines two alt attributes (title attribute) with the values "alt text" and "description"; the HTML specification does not allow duplicate attributes ([13.1.2.3 Attributes](#)), and attributes defined later are ignored.

The result after applying the attached patch is as follows

Wiki (when hovering over the image)	Generated HTML
after_wiki.png	<pre>&lt;img src="/attachments/download/31/logo.png"   title="alt text" alt="alt text"   loading="lazy" /&gt;&lt;/p&gt;</pre>

The CommonMark format should not be affected by this problem. Please see the attached test code for the first and second patches.

My environment is as follows

#### Environment:

```
Redmine version      5.1.2.devel
Ruby version         3.3.1-p55 (2024-04-23) [x86_64-linux]
Rails version        7.1.2
Environment          development
Database adapter     SQLite
Mailer queue         ActiveSupport::QueueAdapters::AsyncAdapter
Mailer delivery      smtp
```

#### Redmine settings:

```
Redmine theme        Default
```

#### SCM:

```
Subversion           1.14.2
Mercurial             6.3.2
```

```
Cvs 1.12.13
Bazaar 3.3.2
Git 2.39.2
Filesystem
Redmine plugins:
no plugin installed
```

## History

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### #1 - 2024-05-16 10:57 - Go MAEDA

- *Tracker changed from Patch to Defect*
- *Target version set to 6.0.0*

Setting the target version to 6.0.0.

## Files

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before_wiki.png	38.1 KB	2024-05-01	Katsuya HIDAHA
after_wiki.png	37.8 KB	2024-05-01	Katsuya HIDAHA
0001-Add-tests-for-current-alt-attribute-behavior-in-images.patch	4.34 KB	2024-05-01	Katsuya HIDAHA
0002-Fix-alt-and-title-attributes-for-attached-images-in-Wiki.patch	3.34 KB	2024-05-01	Katsuya HIDAHA