iceScrum - Mingle import

Preparing iceScrum data for Mingle

Below the procedure to export, transform, and prepare iceScrum data to Mingle consumable format.

As this is a one-shot only operation, it's kept semi-automatically. Feel free to add enhancements.

Export iceScrum to xml

Exporting from iceScrum (having proper permissions) happens at project level.
It is a complete xml of the project that was
Result: xml like the sample found in the **attachment list**.

Preparing the xml

This xml needs to be cleaned out first. It contains double id's and special characters that interrupt the import.

Procedure to adapt the vanilla iceScrum xml:

- replace *all* **double quotes** from xml by **single** quotes
- problem: double id's (tasks, stories, releases)
  solution: replace all (attention for the type of quote; no round '''!)
  <story id=' by **<story id='2**
  <task id=' by **<task id='3**
  <user id=' by **<user id='4**
  (story id += 2000, taks id += 3000, user id += 4000)
- problem: format wrong
  replacing Acceptance Criteria** replace all: **Acceptance Criteria:** by **Acceptance Criteria** replace all: ***Acceptance Criteria** by **Acceptance Criteria** replace all: **Acceptance Criteria**:* by **Acceptance Criteria** replace all: **Acceptance Criteria** by **h2. Acceptance Criteria**

- replacing Notes for testing
  - replace all: **Notes for testing:** by **Notes for testing**
  - replace all: ***Notes for testing** by **Notes for testing**
  - replace all: **Notes for testing*** by **Notes for testing**
  - replace all: **Notes for testing** by **h2. How to test**
- replacing Conversation
  - replace all: **Conversation:** by **Conversation**
  - replace all: ***Conversation** by **Conversation**
  - replace all: **Conversation*** by **Conversation**
  - replace all: **Conversation** by **h2. Notes**
  - *replace all: **Converation:** by **h2. Notes***

- cleanup for Tasks directly under Sprints:
  - clean up Shaker logs dirty char's: Sprint #19, Fix randomly failing Shaker tests
  - clean up Shaker logs dirty char's: Sprint #17, Fix failing Merge PDF/Metadata Test
  - clean up field length: Sprint #18: "10u2 bz6394 Can't have more the one metadata drop down list with a required value" (remove special character between bz6394 and Can't)
  - cleanup "iPad**<special char>**QA Client SDK module"
    to
    iPad QA Client SDK module

Transform the clean export

This comes to an xslt transformation.
The xslt is found in the **attachment section.**

Install an xslt engine. Many solutions available on the net.
E.g. xmlSpy (paying) or **Eclipse IDE for Java EE Developers** (free)

Use a *wide screen* to overcome the discomfort in editing. Xslt is hard to maintain if you cannot see the structure in it.

After transformation you'll find a nice xml with a content that can be pasted into Excel in order to have a proper format to import in Mingle.
Adapt the xslt at free will to have better results.

Excel

Copy-paste the xslt transformed result into Excel.

- It'll need a **Text-to-Colums** to work properly.
  You'll want the **delemited** text with the pipe "|" character.
  Text qualifier is the double quote " character.
  As some cells are filled with multi-line data, after the text-to-columns those cells will be spread out over multiple Excel lines.
  You'll need to re-paste the same content in the Excel sheet. So: select all, delete, and paste the same content again.
- The date format format in Excel needs to be changed for the "**mm/dd/yyyy**"
  "Begin date" and "End date" are the concerned fields at the moment of writing.

Copy-paste the content of the final Excel worksheet into Mingle to import the data.
See **Mingle - importing data*** *for further info.

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