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1  <?xml version="1.0"?>
2  <doc>
3      <assembly>
4          <name>XCV</name>
5      </assembly>
6      <members>
7          <member name="T:XCV.Data.BasicDataSetService">
8              <inheritdoc/>
9          </member>
10         <member name="M:XCV.Data.IBasicDataSetService.ShowCurrentDataSet">
11             <summary>
12                 Gets the data from the lookup-tables in the database
13                 and shows it split up
14             </summary>
15
16             <returns>
17                 An array of serialised objects that the json contains
18                 [0] is the whole databasis [1] the fields .....
19             </returns>
20         </member>
21         <member
22             name="M:XCV.Data.IBasicDataSetService.ShowBrowserFile(Microsoft.AspNetCore.Com
23             ponents.Forms.IBrowserFile)">
24             <summary>
25                 Reads the file and shows it split up
26             </summary>
27         </member>
28         <member
29             name="M:XCV.Data.IBasicDataSetService.JsonUpdate(System.String,System.Boolean)
30             ">
31             <summary>
32                 updates the lookup tables in the database with the json
33             </summary>
34
35             <remarks>
36                 uses UpdateAllFields(), UpdateAllRoles(), UpdateAllLang(),
37                 UpdateAllLangLevels()
38                 UpdateAllSkills(), UpdateAllLevels(), ValidateFields(),
39                 ValidateRoles()
40             </remarks>
41
42             <event cref="!:OnChange">
43                 Succes: Änderungen in die Datenbank übernommen.
44                 and
45                 Info: SuccesM put through from FieldService
46                 Info: Es wurden: {changed} Löhne geändert.
47                 Info: Es wurden: {addedRows}/{removedRows} Rollen
48                 hinzugefügt/entfernt.
49                 Info: SuccesM put through from LanguageService
50                 Info: Es wurden: {cR} Sprachen Level geändert
51                 Info: Es wurden: {aR}{rR} SkillsKategorien hinzugefügt/entfernt.
52                 Info: Es wurden: {aR}{rR} Skills hinzugefügt/entfernt.
53                 Info: Es wurden: {cR} Skill Level geändert.
54                 or
55                 Error: Json Format
56                 Error: ErrorM from FieldService
57                 Error: ErrorM from RoleService
58                 Error: ErrorM from LanguageService
59                 Error: ErrorM from Skillservice
60             </event>
61         </member>
62         <member name="T:XCV.Data.dataSet">
63             <summary>
64                 the Class/Struct that represents the datenbasis.json
65             </summary>
66         </member>
67         <member name="T:XCV.Data.dataSetrole">
68             <summary>
69                 a internal strutcure of the datenbasis.json
70             </summary>
71         </member>
72         <member name="T:XCV.Data.dataSetLanguages">

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66         <summary>
67             a internal strutcure of the datenbasis.json
68         </summary>
69     </member>
70     <member name="T:XCV.Data.dataSetSkills">
71         <summary>
72             a internal strutcure of the datenbasis.json
73         </summary>
74     </member>
75     <member name="T:XCV.Data.DocumentConfig">
76         <summary>
77             This class is used and instanciated for creating, updating, deleting or
78             accessing values in context to
79             the generation of worddocuments for an offer.
80         </summary>
81     </member>
82     <member name="E:XCV.Data.IConfigService.ChangeEventHandel">
83         =====
84         ===== Methods for DocumentConfigs =====
85         =====
86         General ideas:
87         States:
88         User must have at least one active DocumentConfig in order to generate a
89         Document or enter the OfferEmployeeConfigEdit page.
90         User with at least one DocumentConfig must have a DocumentConfig
91         selected in order to download/edit it aswell.
92         Upon entering the OfferPage, a "favorite"/active, previously selected
93         DocumentConfig should be selected
94         Functions:
95         User can selected/deselect/delete/create/download a configuration for
96         each single offer (many configs may exists parallel in one offer)
97         select: activates this configuration to be "active" (for generating the
98         document); implies "deselect" for the prior config
99         deselect: deactivate the prior config -> in this state no config is
100         selected
101         delete: removes an item from the "DocumentConfigurationList"
102         create: creates a new DocumentConfig instance within
103         "DocumentConfigurationList"
104         =====
105     </member>
106     <member
107         name="M:XCV.Data.IConfigService.ValidateUpdate(XCV.Data.Offer,XCV.Data.Documen
108         tConfig,XCV.Data.EmployeeConfig)">
109         <summary>
110             Validates wheather or not update can be made to a document/employeeconfig
111         </summary>
112         <param name="o"></param>
113         <param name="newVersion"></param>
114         <param name="opt"></param>
115     </member>
116     <member
117         name="M:XCV.Data.IConfigService.ValidateCreate(XCV.Data.Offer,XCV.Data.Documen
118         tConfig)">
119         <summary>
120             Validates wheather or not a DocumentConfig can be created within a
121             specific offer
122         </summary>
123         <param name="o"></param>
124         <param name="newVersion"></param>
125     </member>
126     <member name="M:XCV.Data.IConfigService.GetSelectedConfig(XCV.Data.Offer)">
127         <summary>
128             If an offer has an active selection it will be returned by this method,
129             else null
130         </summary>
131         <param name="o"></param>
132         <returns>DocumentConfig, null</returns>
133     </member>
134     <member
135         name="M:XCV.Data.IConfigService.SaveSelectedConfig(XCV.Data.Offer,XCV.Data.Doc
136         umentConfig)">
137         <summary>

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122         Deletes the previous selected/active config and replaces it with cfg
123         within offer o
124         </summary>
125         <param name="o"></param>
126         <param name="cfg"></param>
127     </member>
128     <member
129         name="M:XCV.Data.IConfigService.DeleteSelectedConfig(XCV.Data.Offer,XCV.Data.D
130         ocumentConfig)">
131         <summary>
132             Deletes the current selected Config
133         </summary>
134         <param name="o"></param>
135         <param name="cfg"></param>
136     </member>
137     <member
138         name="M:XCV.Data.IConfigService.GetDocumentConfig(XCV.Data.Offer,System.String
139         )" >
140         <summary>
141             Returns a document config with name 'name' in Offer o. <para></para>
142             Does this by calling GetAllDocumentConfigs and filtering for 'name'
143         </summary>
144         <param name="o"></param>
145         <param name="name"></param>
146         <returns>DocumentConfig</returns>
147     </member>
148     <member
149         name="M:XCV.Data.IConfigService.GetAllDocumentConfigs(XCV.Data.Offer)">
150         <summary>
151             Returns all DocumentConfigs of the specified offer o
152         </summary>
153         <param name="o"></param>
154         <returns>Collection of DocumentConfigs</returns>
155     </member>
156     <member
157         name="M:XCV.Data.IConfigService.CreateDefaultDocumentConfig(XCV.Data.Offer,Sys
158         tem.String)">
159         <summary>
160             Adds all the data to the config - State: After Initialization
161         </summary>
162         <param name="parent"></param>
163         <param name="name"></param>
164         <returns>The created DocumentConfig</returns>
165     </member>
166     <member
167         name="M:XCV.Data.IConfigService.DeleteDocumentConfig(XCV.Data.Offer,XCV.Data.D
168         ocumentConfig)">
169         <summary>
170             Deletes a DocumentConfig and all its childcomponent data from an Offer
171         </summary>
172         <param name="o"></param>
173         <param name="cfg"></param>
174     </member>
175     <member
176         name="M:XCV.Data.IConfigService.Add(XCV.Data.Offer,XCV.Data.Employee)">
177         <summary>
178             Adds a new EmployeeConfig to each DocumentConfig (with all data selected)
179         </summary>
180         <param name="o"></param>
181         <param name="toAdd"></param>
182     </member>
183     <member
184         name="M:XCV.Data.IConfigService.Remove(XCV.Data.Offer,XCV.Data.Employee)">
185         <summary>
186             Removes a EmployeeConfig from each DocumentConfig. <para></para>
187             If a config contains 0 EmployeeConfigs it will be removed automatically.
188         </summary>
189         <param name="o"></param>
190         <param name="toRemove"></param>
191     </member>
192     <member
193         name="M:XCV.Data.IConfigService.UpdateEmployeeConfig(XCV.Data.Offer,XCV.Data.D

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181         documentConfig, System.String, XCV.Data.EmployeeConfig) ">
182         =====
183         ===== Methods for EmployeeConfigs =====
184         =====
185         Access:
186         On the Offer page access should've been recognised and a DocumentConfig
187         selected for the offer with the current offer id.
188         If User has no DocumentConfig created/selected he must add/select one on
189         the Offer page
190         Precondition:
191         A DocumentConfig has to be created and selected to edit a EmployeeConfig
192         <summary>
193         Updates the EmployeeConfiguration
194         </summary>
195         <param name="o"></param>
196         <param name="c"></param>
197         <param name="persnr"></param>
198         <param name="cfg"></param>
199         </member>
200         <member
201         name="M:XCV.Data.IGenerateService.GenerateSingleProfile(XCV.Data.Employee)">
202         =====
203         ===== Methods for generating a Word-Document: =====
204         =====
205         Summary:
206         Input can be adjusted to anything, must only adjust
207         DocumentFormat.OpenXml accordingly (for Future additions/purposes, easy
208         to add))
209         Opens a template.docx worddocument, adds information of Employee e to
210         the.docx and returns the combined .docx in a byte-stream.
211         <summary>
212         Generates a Worddocument with the content of a single Employee profile
213         </summary>
214         <param name="e"></param>
215         <returns>A byte-Array with the document</returns>
216         </member>
217         <member
218         name="M:XCV.Data.IGenerateService.GenerateDocumentConfig(XCV.Data.Offer,XCV.Da
219         ta.DocumentConfig)">
220         <summary>
221         Uses the DocumentConfig associated to the current offer to generater the
222         offer's document.
223         <para>Expects o and config to carry the data.</para>
224         </summary>
225         <param name="o"></param>
226         <param name="config"></param>
227         <returns>A byte-Array with the document</returns>
228         </member>
229         <member name="M:XCV.Data.IGenerateService.Anything(System.Object)">
230         <summary>
231         Blueprint which can be modified to output anything.
232         </summary>
233         <param name="o"></param>
234         <returns>A byte-Array with the document</returns>
235         </member>
236         <member
237         name="M:XCV.Data.IGenerateService.AddPageBreak(DocumentFormat.OpenXml.Wordproc
238         essing.Body)">
239         Additions:
240         <summary>
241         Adds a Page break to a referenced body
242         </summary>
243         <param name="body"></param>
244         </member>
245         <member
246         name="M:XCV.Data.IGenerateService.AddImageToBody(DocumentFormat.OpenXml.Wordpr
247         ocessing.Body,System.String)">
248         <summary>
249         Adds an image to a referenced body
250         </summary>
251         <param name="body"></param>
252         <param name="relationshipId"></param>

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239     </member>
240     <member name="T:XCV.Data.EmployeeService">
241         <inheritdoc/>
242     </member>
243     <member name="M:XCV.Data.EmployeeService.GetAllEmployees">
244         <summary>
245             Returns all Employees, workes with SQL Server
246         </summary>
247     </member>
248     <member name="M:XCV.Data.EmployeeService.InsertEmployee (XCV.Data.Employee) ">
249         <summary>
250             Workes with SQL Server
251         </summary>
252     </member>
253     <member name="M:XCV.Data.EmployeeService.UpdateEmployee (XCV.Data.Employee) ">
254         <summary>
255             Workes with SQL Server
256         </summary>
257
258         <remarks>
259             Updates [Employee] except(Password, EmployedSince)
260             and [EmployeeHasField] [EmployeeHasRole] [EmployeeHasLanguage]
261             [EmployeeHasSkill] through DELETE all and INSERT
262         </remarks>
263     </member>
264     <member name="M:XCV.Data.EmployeeService.DeleteEmployee (System.String) ">
265         <summary>
266             Works with SQL Server
267         </summary>
268     </member>
269     <member name="T:XCV.Data.LangComparerWithLevel">
270         <summary>
271             to create Sets in which the level is considered too
272         </summary>
273     </member>
274     <member name="T:XCV.Data.SkillComparerWithLevel">
275         <summary>
276             to create Sets in which the level is considered too
277         </summary>
278     </member>
279     <member name="M:XCV.Data.IProfileService.ShowProfile (System.String) ">
280         <summary>
281             Returns the full instantiated object from persistence, if one
282             exist
283         </summary>
284
285         <returns>
286             the Employee or null
287         </returns>
288     </member>
289     <member name="M:XCV.Data.IProfileService.ShowAllProfiles">
290         <summary>
291             Returns all Employees that exist in the persitence
292         </summary>
293
294         <returns>
295             A collection which got at least one element under normal
296             condition
297         </returns>
298     </member>
299     <member
300     name="M:XCV.Data.IProfileService.SearchProfiles (System.String, System.String) ">
301         <summary>
302             Returns all Employees that match the criteria.
303         </summary>
304
305         <remarks>
306             <para> if (firstName == "")only check lastName and viseversa </para>
307             <para> otherwise checks both (case-insesitive) </para>
308         </remarks>
309
310         <returns>
311             A collection of Employees that migh be empty

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307         </returns>
308
309         <event cref="!:OnEmptyResult">
310             Keine Ergebnis für "{firstName}" "{lastName}".
311         </event>
312     </member>
313     <member name="M:XCV.Data.IProfileService.ValidateUpdate(XCV.Data.Employee)">
314         <summary>
315             Checks <paramref name="newVersion"/> against constraints
316         </summary>
317
318         <remarks>
319             <para> Informs via a ChangeEvent about: </para>
320             <para> Info: what will be changed </para>
321             <para> Error: through the constraints in the method </para>
322             <para> Error: through the DataAnoation on the model </para>
323         </remarks>
324         <param name="newVersion">
325             the .PersoNumber for reference, and the rest is the data for
326             replacement
327         </param>
328
329         <event cref="!:OnChange">
330             Info: Dein Vor- oder Nachname würde geändert werden
331             Info: Deine Beschreibung würde geändert werden.
332             Info: Dein Berufserfahrung würde geändert werden.
333             Info: Deine ("Soft Skills", "Hard Skills", "Rollen"
334                 "Tätigkeitsfelder", "Sprachfähigkeiten") würden
335                 geändert werden.
336
337             Error: Mindestens ein Sprache hat keine Level Angabe.
338             Error: Mindestens ein Skill hat keine Level Angabe.
339             Error: and the DataAnotations from the Employee-Model
340         </event>
341     </member>
342     <member name="M:XCV.Data.IProfileService.UpdateProfile(XCV.Data.Employee)">
343         <summary>
344             Updates <paramref name="newVersion"/> the Employee in the
345             persistence.
346         </summary>
347
348         <remarks>
349             uses ValidateUpdate(e)
350             and private_UpdatePersistence(e)
351         </remarks>
352         <param name="newVersion">
353             the .PersoNumber for reference, and the rest is the data for
354             replacement
355         </param>
356         <event cref="!:OnChange">
357             Succes: Keine Profil-Änderungen zu speichern.
358         or
359             Succes: {FirstName}, deine Daten wurden gespeichert.
360         or
361             Error: as in ValidateUpdate(e)
362             Error: Es trat ein Fehler in der Persistenz auf {e.Message}.
363         </event>
364     </member>
365     <member
366         name="M:XCV.Data.IProfileService.UploadImage(System.String,Microsoft.AspNetCor
367         e.Components.Forms.IBrowserFile)">
368         <summary>
369             Uploades the Image to the Server
370         </summary>
371     </member>
372     <member name="T:XCV.Data.FieldService">
373         <inheritdoc/>
374     </member>
375     <!-- Badly formed XML comment ignored for member
376     "M:XCV.Data.FieldService.ValidateDataAno(XCV.Data.Field)" -->
377     <member name="M:XCV.Data.IFieldService.GetAllFields">

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372         <summary>
373             GetAllFields from persistence.
374         </summary>
375         <remarks>
376             Catches all SqlExceptions, logs an Error: {e.Message}
377             and will just return an empty collection
378         </remarks>
379
380         <returns>
381             A collection of Fields, that might be empty
382         </returns>
383     </member>
384     <!-- Badly formed XML comment ignored for member
385     "M:XCV.Data.IFieldService.CreateField(XCV.Data.Field,System.Boolean)" -->
386     <member name="M:XCV.Data.IFieldService.DeleteField(XCV.Data.Field)">
387         <summary>
388             Removes one Field to persistence.
389         </summary>
390         <remarks>
391             Catches SqlExceptions and just logs them
392         </remarks>
393
394         <event cref="!:OnChange">
395             Succes: {toRemove}, wurde aus Liste der Brachen entfernt.
396             or
397             static Error: {toRemove}, kann nicht entfernt werden, da es nicht
398             enthalten ist.
399         </event>
400     </member>
401     <member
402     name="M:XCV.Data.IFieldService.UpdateAllFields(System.Collections.Generic.IEnum
403     erable{XCV.Data.Field},System.Boolean)">
404         <summary>
405             UpdateAllFields in persistence.
406         </summary>
407         <remarks>
408             checks the Difference
409             for the actual change on persitence uses
410             Create/DeleteField(field)
411         </remarks>
412
413         <param name="fields">
414             The fields to replace the old ones.
415         </param>
416     </member>
417     <member name="M:XCV.Data.ILanguageService.GetAllLanguages">
418         <summary>
419             GetAllLanguages from persistence.
420         </summary>
421         <remarks>
422             Catches all SqlExceptions, logs an Error: {e.Message}
423             and will just return an empty collection
424         </remarks>
425
426         <returns>
427             A collection of languages, that might be empty.
428         </returns>
429     </member>
430     <member name="M:XCV.Data.ILanguageService.GetAllLevel">
431         <summary>
432             GetAllLevel correctly orderd from persistence.
433         </summary>
434
435         <returns>
436             In case of SqlExcep., an empty array
437         </returns>
438     </member>
439     <!-- Badly formed XML comment ignored for member
440     "M:XCV.Data.ILanguageService.CreateLanguage(XCV.Data.Language,System.Boolean)"
441     -->
442     <member name="M:XCV.Data.ILanguageService.DeleteLanguage(XCV.Data.Language)">
443         <summary>

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437         Removes one Language to persistence.
438     </summary>
439     <remarks>
440         Catches SqlExceptions and just logs them
441     </remarks>
442
443     <event cref="!:OnChange">
444         Succes: {toRemove}, wurde aus Liste der Sprachen entfernt.
445     or
446     static Error: {toRemove}, kann nicht entfernt werden, da es nicht
    enthalten ist.
447     </event>
448 </member>
449 <member
    name="M:XCV.Data.ILanguageService.UpdateAllLanguages(System.Collections.Generi
    c.IEnumerable{XCV.Data.Language},System.Boolean)">
450     <summary>
451         UpdateAllLanguages in persistence.
452     </summary>
453     <remarks>
454         catches SqlExceptions and logs them
455     </remarks>
456
457     <param name="languages">
458         The languages to replace the old ones.
459     </param>
460
461     <event cref="!:OnChange">
462         Succes: {languages}: wurde entfernt\hinzugefügt.
463     or
464         Error: {languages}: see Create/Delete
465     </event>
466 </member>
467 <!-- Badly formed XML comment ignored for member
    "M:XCV.Data.ILanguageService.UpdateAllLevels(System.String[],System.Boolean)"
    -->
468 <member name="T:XCV.Data.LanguageService">
469     <inheritdoc/>
470 </member>
471 <!-- Badly formed XML comment ignored for member
    "M:XCV.Data.LanguageService.ValidateDataAno(XCV.Data.Language)" -->
472 <member name="M:XCV.Data.IAccountService.CreateAccount(XCV.Data.Employee)">
473     <summary>
474         Creates an Employye Account
475     </summary>
476     <remarks>
477         uses private_InsertEmployee(Employee e)
478     </remarks>
479
480     <event cref="!:OnChange">
481         Succes: Ein neuer Account wurde erstellt {PersoNumber}.
482     and
483         Info: Passwort und Personal-Number sollten gleich sein, dies wurde
    korregiert.
484     or
485         Error: Sie können keinen Account überschreiben.
486         Error: + Entity-DataAnnotations
487         Error: Es trat ein Fehler in der Persistenz auf {SQL ex.Message}.
488     </event>
489 </member>
490 <member name="M:XCV.Data.IAccountService.DeleteAccount(System.String)">
491     <summary>
492         Deletes the employee with the PersoNumber: <paramref
493         name="IdToDelete"/>
494         and all references on him in the persistence.
495     </summary>
496     <remarks>
497         uses private_DeleteEmployee(string id)
498     </remarks>
499
500     <param name="IdToDelete">
501         the .PersoNumber which is the primary key/unique identifier for

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501         Employees
502     </param>
503     <event cref="!:OnChange">
504         Succes: Account:{IdToDelete} wurde gelöscht.
505     or
506         Error: Es trat ein Fehler in der Persistenz auf {ex.Message}.
507     </event>
508 </member>
509 <member name="E:XCV.Data.IOfferService.ChangeEventHandel">
510     -----//
511     Business:
512     <summary>
513     Processes Events.
514     </summary>
515 </member>
516 <member name="M:XCV.Data.IOfferService.ValidateUpdate(XCV.Data.Offer)">
517     <summary>
518     Validates the Changes made to an offer
519     </summary>
520     <param name="newVersion"></param>
521 </member>
522 <!-- Badly formed XML comment ignored for member
523 "M:XCV.Data.IOfferService.ValidateCreate(XCV.Data.Offer)" -->
524 <!-- Badly formed XML comment ignored for member
525 "M:XCV.Data.IOfferService.Runtime(System.DateTime,System.DateTime)" -->
526 <member name="M:XCV.Data.IOfferService.ShowAllOffers">
527     -----//
528     Persistence:
529     Read:
530     <summary>
531     Returns a Collection which contains the existing Offer(s) in the database.
532     </summary>
533     <returns>Collection of offers</returns>
534 </member>
535 <member name="M:XCV.Data.IOfferService.ShowAllOfferSkills">
536     <summary>
537     Returns a Collection which contains all the skills all exisitng Offer(s)
538     have combined.
539     </summary>
540     <returns>List of offers</returns>
541 </member>
542 <member name="M:XCV.Data.IOfferService.ShowAllOfferFields">
543     <summary>
544     Returns a Collection which contains all the fields all exisitng Offer(s)
545     have combined.
546     </summary>
547     <returns>List of fields</returns>
548 </member>
549 <member name="M:XCV.Data.IOfferService.ShowOffer(System.Int32)">
550     <summary>
551     Returns an existing Offer with the specified id.
552     </summary>
553     <param name="id"></param>
554     <returns>an offer with id "id"</returns>
555 </member>
556 <member
557     name="M:XCV.Data.IOfferService.ShowOfferEmployee(System.Int32,System.String)">
558     <summary>
559     Returns an instance of an Employee within an existing Offer or null if
560     he isn't within that offer.
561     </summary>
562     <param name="id"></param>
563     <param name="persnr"></param>
564     <returns>Employee, null</returns>
565 </member>
566 <member name="M:XCV.Data.IOfferService.GetLastId">
567     <summary>
568     Returns the Id of the most recently created offer
569     </summary>
570     <returns>int</returns>
571 </member>
572 <member name="M:XCV.Data.IOfferService.GetNextId">

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566         <summary>
567         Returns the Id of the Offer which would be created next
568         </summary>
569         <returns>int</returns>
570     </member>
571     <member name="M:XCV.Data.IOfferService.ResetId">
572         <summary>
573         Reseeds the Id-Increment to 1 after deleting all Offers (OfferIds wont
574         stack until Int-Overflow over time)
575         </summary>
576     </member>
577     <member
578         name="M:XCV.Data.IOfferService.Create(System.String,System.String,System.DateT
579         ime,System.DateTime)">
580         -----//
581         Write:
582         <summary>
583         Creates a new Offer with a unique Id.
584         </summary>
585         <param name="title"></param>
586         <param name="description"></param>
587     </member>
588     <member
589         name="M:XCV.Data.IOfferService.Create(System.String,System.String,System.DateT
590         ime,System.DateTime,XCV.Data.Skill,XCV.Data.Field,System.Collections.Generic.I
591         Set{XCV.Data.Employee})">
592         <summary>
593         Alternative to Creating a new Offer instantaneously
594         </summary>
595         <param name="title"></param>
596         <param name="description"></param>
597         <param name="start"></param>
598         <param name="end"></param>
599         <param name="skill"></param>
600         <param name="field"></param>
601         <param name="participants"></param>
602     </member>
603     <member name="M:XCV.Data.IOfferService.Update(XCV.Data.Offer)">
604         <summary>
605         TODO
606         </summary>
607         <param name="o"></param>
608     </member>
609     <member name="M:XCV.Data.IOfferService.Delete(XCV.Data.Offer)">
610         <summary>
611         TODO
612         </summary>
613         <param name="o"></param>
614     </member>
615     <member name="M:XCV.Data.IOfferService.Add(XCV.Data.Offer,XCV.Data.Employee)">
616         <summary>
617         Adds an Employee to an existing Offer o.
618         </summary>
619         <param name="o"></param>
620         <param name="offerEmp"></param>
621     </member>
622     <member name="M:XCV.Data.IOfferService.Add(XCV.Data.Offer,XCV.Data.Skill)">
623         <summary>
624         Adds a Skill to an existing Offer o.
625         </summary>
626         <param name="o"></param>
627         <param name="s"></param>
628     </member>
629     <member name="M:XCV.Data.IOfferService.Add(XCV.Data.Offer,XCV.Data.Field)">
630         <summary>
631         Adds a Field to an existing offer o.
632         </summary>
633         <param name="o"></param>
634         <param name="f"></param>
635     </member>
636     <member
637         name="M:XCV.Data.IOfferService.Remove(XCV.Data.Offer,XCV.Data.Employee)">

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631         <summary>
632             Removes an Employee from an existing Offer o.
633         </summary>
634         <param name="o"></param>
635         <param name="offerEmp"></param>
636     </member>
637     <member name="M:XCV.Data.IOfferService.Remove(XCV.Data.Offer,XCV.Data.Skill)">
638         <summary>
639             implemented in update
640         </summary>
641         <param name="o"></param>
642         <param name="s"></param>
643     </member>
644     <member name="M:XCV.Data.IOfferService.Remove(XCV.Data.Offer,XCV.Data.Field)">
645         <summary>
646             implemented in update
647         </summary>
648         <param name="o"></param>
649         <param name="f"></param>
650     </member>
651     <member name="M:XCV.Data.IOfferService.Copy(XCV.Data.Offer)">
652         <summary>
653             Creates a new Offer which is identical to Offer o (apart from the Id)
654         </summary>
655         <param name="o"></param>
656     </member>
657     <member name="M:XCV.Data.IProjectService.ShowAllProjects">
658         <summary>
659             Returns a Collection which contains all existing Project(s) in the
               database.
660         </summary>
661         <returns>
662             A Collection of Projects or null.
663         </returns>
664     </member>
665     <member name="M:XCV.Data.IProjectService.ShowProject(System.Int32)">
666         <summary>
667             Returns an existing Project with the specified id.
668         </summary>
669         <param name="id"></param>
670         <returns>
671             A project or null.
672         </returns>
673     </member>
674     <member name="M:XCV.Data.IProjectService.Create(XCV.Data.Project)">
675         <summary>
676             Creates a project with a unique id.
677         </summary>
678         <remarks>
679             uses Validate(Project p)
680             <para> Error: through the method constraints </para>
681             <para> Error: through the DataAnnotaion </para>
682         </remarks>
683         <param name="p"></param>
684         <event cref="!:OnChange">
685             <para>Error: Der Projektanfang kann nicht vor dem Jahr 2011
               liegen. </para>
686             <para>Error: Das Enddatum muss hinter dem Beginn liegen. </para>
687             <para>Error: Das Projekt muss vor dem Jahr 2100 beendet
               werden. </para>
688             <para>Error: Die Beschreibung des Zwecks ist zu kurz. (min: 2)
               </para>
689             <para>Error: Die Beschreibung des Zwecks ist zu lang. (max:
               200) </para>
690             <para>Error: Die Beschreibung der Tätigkeit ist zu kurz. (min:
               2) </para>
691             <para>Error: Die Beschreibung der Tätigkeit:({key}) ist zu
               lang. (max: 50) </para>
692             <para>Error: Der Titel darf nicht leer sein. </para>
693             <para>Error: Es existiert schon ein Projekt mit diesem Titel.
               </para>
694             <para>Error: Der Titel darf nicht länger als 20 Zeichen sein.

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695         </para>
        <para>Error: Die Beschreibung darf nicht länger als 400
        Zeichen sein. </para>
696     <para>Error: Es trat ein Fehler in der Persistenz auf
        {e.Message}. </para>
697
698     or <para>Success: Das Projekt:{p.Title} wurde mit der Id: {newId}
        erstellt.</para>
699 </event>
700 </member>
701 <member name="M:XCV.Data.IProjectService.ValidateUpdate(XCV.Data.Project)">
702     <summary>
703         Checks whether <paramref name="newVersion"/> meets all the
        constraints.
704     </summary>
705     <remarks>
706         <para> Informs via a ChangeEvent about:</para>
707         <para> Info: what will be changed </para>
708         <para> Error: through the method constraints </para>
709         <para> Error: through the DataAnnotaion </para>
710     </remarks>
711     <param name="newVersion"></param>
712     <event cref="!:OnChange">
713         <para> Info: Der Projekttitel wird geändert. </para>
714         <para> Info: Die Beschreibung wird geändert. </para>
715         <para> Info: Die Laufzeit wird geändert. </para>
716         <para> Info: Die Branche wird geändert. </para>
717         <para> Info: Die Projektzwecke werden geändert. </para>
718         <para> Info: Die Projektstätigkeiten und/oder zugehörige
        MitarbeiterInnen bzw. Skills werden geändert. </para>
719     or
720         <para>Error: Der Projektanfang kann nicht vor dem Jahr 2011
        liegen. </para>
721         <para>Error: Das Enddatum muss hinter dem Beginn liegen. </para>
722         <para>Error: Das Projekt muss vor dem Jahr 2100 beendet werden.
        </para>
723         <para>Error: Die Beschreibung des Zwecks ist zu kurz. (min:
        2)</para>
724         <para>Error: Die Beschreibung des Zwecks ist zu lang. (max:
        200) </para>
725         <para>Error: Die Beschreibung der Tätigkeit ist zu kurz. (min:
        2) </para>
726         <para>Error: Die Beschreibung der Tätigkeit:({key}) ist zu
        lang. (max: 50) </para>
727         <para>Error: Der Titel darf nicht leer sein. </para>
728         <para>Error: Es existiert schon ein Projekt mit diesem Titel.
        </para>
729         <para>Error: Der Titel darf nicht länger als 20 Zeichen sein.
        </para>
730         <para>Error: Die Beschreibung darf nicht länger als 400 Zeichen
        sein. </para>
731         <para>Error: Es trat ein Fehler in der Persistenz auf
        {e.Message}. </para>
732     or
733         <para>Success: Das Projekt:{p.Title} wurde mit der Id: {newId}
        erstellt.</para>
734 </event>
735 </member>
736 <member name="M:XCV.Data.IProjectService.Update(XCV.Data.Project)">
737     <summary>
738         Updates the passed Project.
739     </summary>
740     <remarks>
741         uses ValidateUpdate(Project p)
742     </remarks>
743     <param name="newP"></param>
744 </member>
745 <member name="M:XCV.Data.IProjectService.Delete(XCV.Data.Project)">
746     <summary>
747         Deletes the passed project and all its references.
748     </summary>
749     <param name="toDelete"></param>

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750     </member>
751     <member
name="M:XCV.Data.IProjectService.Add(System.Int32,System.String,System.String)
">
752         <summary>
753             Adds an employee to a project activity.
754         </summary>
755         <param name="p"></param>
756         <param name="doneBy"></param>
757         <param name="activity"></param>
758     </member>
759     <member
name="M:XCV.Data.IProjectService.Remove(System.Int32,System.String,System.Stri
ng)">
760         <summary>
761             Removes an employee from a project activity.
762         </summary>
763         <param name="p"></param>
764         <param name="doneBy"></param>
765         <param name="activity"></param>
766     </member>
767     <member name="M:XCV.Data.IRoleService.GetAllRoles">
768         <summary>
769             GetAllRoles from persistence.
770         </summary>
771         <remarks>
772             Catches all SqlExceptions, logs an Error: {e.Message}
773             and will just return an empty collection
774         </remarks>
775
776         <returns>
777             A collection of Roles, that might be empty
778         </returns>
779     </member>
780     <member
name="M:XCV.Data.IRoleService.UpdateAllRoles(System.Collections.Generic.IEnume
rable{XCV.Data.Role},System.Boolean)">
781         <summary>
782             Updates roles in the persistence.
783             via delet/insert normally and update if only wage changes
784         </summary>
785         <remarks>
786             uses ValidateRoles(roles),
787             catches SqlExceptions and logs them
788         </remarks>
789
790         <param name="roles">
791             The roles to replace the old ones.
792         </param>
793     </member>
794     <member name="T:XCV.Data.RoleService">
795         <inheritdoc/>
796     </member>
797     <!-- Badly formed XML comment ignored for member
"M:XCV.Data.RoleService.ValidateDataAno(XCV.Data.Role)" -->
798     <member
name="M:XCV.Data.ISkillService.SetCategoryRelationTree(System.Collections.Gene
ric.IEnumerable{XCV.Data.Skill})">
799         <summary>
800             Instantiates all Category.Parent, with pointers to navigate
801             up and down the tree
802             modifies the input so that the category structure represents
803             the one from the json
804         </summary>
805         <param name="skills">
806             their .Category property will be modified/replaced
807         </param>
808     </member>
809     <member name="M:XCV.Data.ISkillService.ValidateSkill(XCV.Data.SkillCategory)">
810         <summary>
811             Validates a tree against DataAnotations on the Skill- +

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SkillCategory-Entity

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811     </summary>
812
813     <event cref="!:OnChange">
814         Info: Akzeptabels Duplikat: {Skill} und {Skill}      in:    {Cat} und
            {DiffCat}
815     or
816         Error: Inakzeptabels Duplikat: {Skill} und {Skill}      in:    {Cat}
            und {Cat}
817     </event>
818 </member>
819 <member name="M:XCV.Data.ISkillService.GetAllSkills">
820     <summary>
821         GetAllSkills from persistence.
822     </summary>
823
824     <returns>
825         A collection of Skills, that might be empty.
826     </returns>
827 </member>
828 <member name="M:XCV.Data.ISkillService.GetAllLevel">
829     <summary>
830         GetAllLevel correctly orderd from persistence.
831     </summary>
832 </member>
833 <member
834     name="M:XCV.Data.ISkillService.UpdateAllSkills(XCV.Data.SkillCategory)">
835     <summary>
836         UpdateAllSkills in persistence.
837     </summary>
838
839     <param name="tree">
840         the root of a tree, which contains all Categories and Skills as
            .Children
841     </param>
842 </member>
843 <!-- Badly formed XML comment ignored for member
844 "M:XCV.Data.ISkillService.UpdateAllLevels(System.String[],System.Boolean)" -->
845 <member name="T:XCV.Data.SkillService">
846     <inheritdoc/>
847 </member>
848 <member name="M:XCV.Data.DatabaseUtils.CreateTables">
849     <summary>
850         Creates
851         [field], [role], [language], [language_level],
852         [skillCategory], [skill], [skill_level]
853         [employee], [project], [activity], [activity_done_by],
854         [project_purpose]
855         [employee_acrole], [employee_field], [employee_role],
856         [employee_language], [employee_skill]
857         [offer], [offerHasEmployee], [offerHasField], [offerHasSkill],
858         [offerhasConfig], [offerHasActiveConfig],
859         [config], [configHasActivity], [configHasField],
860         [configHasSkill], [configHasOrder]
861     </summary>
862 </member>
863 <member name="M:XCV.Pages.OfferNamespace.OfferCreate.OnInitialized">
864     <summary>
865         Initializes Parameters and storage
866     </summary>
867 </member>
868 <member name="M:XCV.Pages.OfferNamespace.OfferCreate.Store">
869     <summary>
870         Stores selected Data before searching an employee, so it remains on the
            Create page after leaving it to search.
871     </summary>
872 </member>
873 <member name="M:XCV.Pages.OfferNamespace.OfferCreate.RemoveAllEmployees">
874     <summary>
875         Removes the employees currently in the offerstorage
876     </summary>
877 </member>
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871 <member name="M:XCV.Pages.OfferNamespace.OfferCreate.Discard">
872 <summary>
873     Called when clicking the "Abbrechen"-Button, discards the stored content
      so after returning to the Create page the fields are empty.
874 </summary>
875 </member>
876 <member name="M:XCV.Pages.OfferNamespace.OfferCreate.CreateOffer">
877 <summary>
878     Creates the offer with respect to the items in the storage. <para></para>
879     Sessionstorage(OfferData) is nullified so on the next page visit the
      inputs are empty again
880 </summary>
881 </member>
882 <member name="M:XCV.Pages.OfferNamespace.OfferCreate.Validate">
883 <summary>
884     Validates input's correctness (within Offerservice), and outputs an
      according Modal pop-up.
885 </summary>
886 </member>
887 <member name="M:XCV.Pages.OfferNamespace.OfferEdit.UpdateOffer">
888 <summary>
889     Called when the edit is finished and accept-button is pressed.
890 </summary>
891 </member>
892 <member name="M:XCV.Pages.OfferNamespace.OfferEdit.Store">
893 <summary>
894     Stores Data before searching employee, so it remains on the Edit page
      after leaving it to search.
895 </summary>
896 </member>
897 <member
      name="M:XCV.Pages.OfferNamespace.OfferEmployeeConfigEdit.UpdateConfig">
898 <summary>
899     Nullifies deselected Data when unchecked, signaling the ConfigService to
      delete the corresponding entry in the database.
900 </summary>
901 </member>
902 <member
      name="M:XCV.Pages.OfferNamespace.OfferEmployeeConfigEdit.ProjectsClicked(System.Object, System.Int32, System.String[]) ">
903 <summary>
904     Adds or removes all projects with all activities
905 </summary>
906 <param name="marked"></param>
907 <param name="pro"></param>
908 <param name="act"></param>
909 </member>
910 <member name="F:XCV.Pages.OfferNamespace.OfferOverview.showSearchResults">
911 <summary>
912     false: show all offers <para></para>
913     true: show offers matching search
914 </summary>
915 </member>
916 <member name="M:XCV.Pages.OfferNamespace.OfferOverview.ShowResults">
917 <summary>
918     Starts a search if a search "exists", else OfferOverview displays all
      offers like it does for default.
919 </summary>
920 </member>
921 <member name="M:XCV.Pages.OfferNamespace.OfferOverview.DeleteAll">
922 <summary>
923     Deletes all current offer, reseeds Id
924 </summary>
925 </member>
926 <member name="M:XCV.Pages.ProjectFolder.ProjectCreate.CreateProject">
927 <summary>
928     Validates input's correctness (within Projectservice), navigates to the
      newly created project if all parameters meet the requirements or opens a
      modal dialogue containing the error messages.
929 </summary>
930 </member>
931 <member name="M:XCV.Pages.ProjectFolder.ProjectCreate.Change(System.String) ">

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932         <summary>
933             Opens a modal dialogue to add or remove employees or skills from an
                activity "act".
934         </summary>
935         <param name="act"></param>
936     </member>
937     <member name="M:XCV.Pages.ProjectFolder.ProjectCreate.Close">
938         <summary>
939             Removes the selected employees and skills for the next search.
940         </summary>
941     </member>
942     <member name="M:XCV.Pages.ProjectFolder.ProjectCreate.Save">
943         <summary>
944             Saves the selected collaborators and skills in a dictionary associated
                with the activity.
945         </summary>
946     </member>
947     <member name="M:XCV.Pages.ProjectFolder.ProjectEdit.Change(System.String)">
948         <summary>
949             Opens a modal dialogue to add or remove employees or skills from an
                activity "act".
950         </summary>
951         <param name="act"></param>
952     </member>
953     <member name="M:XCV.Pages.ProjectFolder.ProjectEdit.Close">
954         <summary>
955             Removes the selected employees and skills for the next search.
956         </summary>
957     </member>
958     <member name="M:XCV.Pages.ProjectFolder.ProjectEdit.Save">
959         <summary>
960             Saves the selected collaborators and skills in a dictionary associated
                with the activity.
961         </summary>
962     </member>
963     <member name="M:XCV.Pages.ProjectFolder.ProjectEdit.Validate">
964         <summary>
965             Validates input's correctness (within Projectservice), and outputs an
                according Modal pop-up.
966         </summary>
967     </member>
968     <member name="M:XCV.Pages.ProjectFolder.ProjectEdit.UpdateProject">
969         <summary>
970             Updates the project if valid data has been entered.
971         </summary>
972     </member>
973     <member
        name="M:XCV.Pages.ProjectFolder.ProjectOverview.DeleteProject(XCV.Data.Project
        )" >
974         <summary>
975             Deletes a project p irreversibly.
976         </summary>
977         <param name="p"></param>
978     </member>
979     <member name="M:XCV.Pages.ProjectFolder.ProjectOverview.DeleteAll">
980         <summary>
981             Deletes all projects irreversibly after confirmation.
982         </summary>
983     </member>
984     <member name="M:XCV.Pages.ProjectFolder.ProjectOverview.Confirm">
985         <summary>
986             Opens a modal dialogue to confirm that all projects should be deleted.
987         </summary>
988     </member>
989     <member
        name="M:XCV.Pages.ProjectFolder.ProjectPage.DeleteProject(XCV.Data.Project)" >
990         <summary>
991             Deletes a project p irreversibly.
992         </summary>
993         <param name="p"></param>
994     </member>
995 </members>

```


