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Deliverable: R1.4:
Fourth Year Activity Report –
Progress Report of the Project and the Various Work Packages

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Introduction

The CLARIN-D project\(^1\) (Web and Center-based Infrastructure for the Social Sciences and Humanities) is a Research Infrastructure following the European Strategy Forum on Research Infrastructures (ESFRI) Roadmap\(^2\) to build a research infrastructure for the Humanities and Social Sciences (HSS). ESFRI research infrastructures are built in three consecutive phases – the preparatory phase, the implementation phase, and the exploitation phase, CLARIN-D is currently in the implementation phase. It is a collaborative effort involving institutions and researchers at nine academic centers:

- Bavarian Archive for Speech Signals (BAS), Ludwig Maximilians University of Munich
- Berlin Brandenburg Academy of Science (BBAW)
- Institute for the German Language (IDS)
- Max Planck Institute for Psycholinguistics, Nijmegen (MPI)
- University of Tübingen, Department of General and Computational Linguistics
- University of Hamburg, Hamburg Center for Speech Corpora (HZSK)
- University of Leipzig, Institute of Computer Science
- Saarland University, Department of English and Translation Studies
- University of Stuttgart, Institute for Natural Language Processing

CLARIN-D is building on the achievements of the European CLARIN (Common Language Resource and Technology Infrastructure) initiative as well as the German national project D-SPIN (Deutsche Sprachressourcen-Infrastruktur). CLARIN and D-SPIN developed a set of common standards and goals for humanities research infrastructure as well as plans for the sustainable provision of digital resources and their long-term archiving.

CLARIN-D is funded directly by the German Federal Ministry of Education and Research (BMBF), but also receives contributions from German state governments (Länder) and individual universities, as well as support from the Berlin Brandenburg Academy of Science, the Leibniz Foundation, and the Max-Planck-Society.

The CLARIN report R1.4 “Fourth Year Activity Report – Progress Report of the Project and the Various Work Packages” provides a short overview of the activities carried out in the CLARIN-D project during the fourth year of the implementation phase.

\(^1\) http://www.clarin-d.de/
\(^2\) http://ec.europa.eu/research/infrastructures/index_en.cfm?pg=esfri
The present report compiles an executive summary of the set of more detailed annual reports for each work package. These reports are the planned deliverables:

- R2.4 Liaison
- R3.4 Establishing the technical infrastructure
- R4.4 Annual report on the activities of the discipline-specific Working Groups
- R5.4 AP5 Second Year Activity Report
- R6.4 Second Year Activity Report
- R7.4 Support and Helpdesk
- R8.4 Documentation of AP8 preparation activities
- R9.4 Dissemination

These reports have been mailed to the CLARIN-D Advisory Board. They are also available online on the CLARIN-D web page:

http://clarin-d.de/en/documents.html
Work Package 1: Management

Work package (WP) 1 is dedicated to the overall management of CLARIN-D, the coordination of the consortium and required administrative tasks.

For managing and coordination, CLARIN-D has a number of committees that are coordinated. These committees are the CLARIN consortium committee (Konsortiumskreis, KK), the internal steering committee (Lenkungskreis, LK), the scientific advisory board (International Advisory Board, IAB), and the joined CLARIN-D-DARIAH-DE technical advisory board (TAB). In addition, WP 1 is involved in the technical management, coordinating especially WP 3 and 5 with the user requirements.

Internal Steering Committee (Lenkungskreis)
The internal steering committee (Lenkungskreis, LK) consists of four elected project leaders of CLARIN-D centers, an elected representative of the discipline-specific working groups and the management team. The LK is the administrative body for deciding on operations of CLARIN-D. Currently the LK consists of Christoph Draxler (BAS), Ludwig Eichinger (IDS), Gerhard Heyer (Leipzig), Erhard Hinrichs (Tübingen) and Christian Mair (Freiburg, for the discipline-specific working groups) plus the CLARIN-D coordinators Dörte de Kok (Tübingen, Management), Thorsten Trippel (Tübingen, Liaison) and Dirk Goldhahn (Leipzig, Technical Management). The coordinators do not have voting rights. Regular monthly meetings are conducted in the form of videoconferences. Regular members of the LK are elected for two years, the CLARIN-D coordinators and the chair of the discipline-specific working groups are members ex officio.

International Advisory Board

The International Advisory Board (IAB) is a group of CLARIN-D external experts who are consulted on new developments and discuss strategic and content related developments, also with a bird-eye view of other developments in the communities. With experienced experts from various backgrounds, a high-profile international committee was formed for this purpose. They will meet in June 2015 in Munich, Germany. Members of the IAB are currently: Helen Aristar-Dry (University of Texas at Austin, LinguistList), Christiane Fellbaum (Princeton University), Björn Granström (KTH Royal Institute of Technology, Stockholm), Helge Kahler (BMBF), Jan Christoph Meister (University of Hamburg), John Nerbonne (University of Groningen, University of Freiburg), Heike Renner-Westermann (University Library Johann Christian Senckenberg, Frankfurt) and Achim Streit (Karlsruhe Institute of Technology).
Joint Technical Advisory Board of CLARIN-D and DARIAH-DE

The joint Technical Advisory Board (TAB) of CLARIN-D and DARIAH-DE is a committee for collaboration on the fundamental technical level between two large research infrastructures for the humanities and social sciences (HSS) discussing questions of technical protocols, infrastructural requirements on the level of archiving, interconnection, search, etc. Based on requirements, small working groups (for example on persistent identifiers, authorization and identification) are being formed in areas with an overlap of requirements. This avoids duplication of developments and allows an increased efficiency in implementation, but also interoperability where overlaps exist. This includes for example an option to grant access to one infrastructure for users of the other.

The most recent meeting of the TAB took place in February 2015 at the IDS in Mannheim. Members of the Technical Advisory Board are currently: Jonas Beskow (University of Stockholm), Carol Goble (University of Manchester), Jan Hajic (Head of the Prague CLARIN Centre), Ed Hovy (University of Southern California), Michael Lautenschlager (German Research Centre for Geosciences, Potsdam), Gerhard Schneider (University of Freiburg), Toma Tasovac (Digital Humanities Centre, Belgrade), Melissa Terras (University College London) and Claire Warwick (University College London).

Project Meetings

In addition to the monthly meetings of the internal steering committee, the consortium of all centre leaders meets every three months. The consortium’s committee is the governing body of CLARIN-D. It is currently chaired by Jonas Kuhn (IMS, Stuttgart). Strategic decisions and fundamental coordination takes place in this committee. The meetings of the consortium are regularly held in conjunction with the discipline-specific working groups.

The following project-internal meetings were organised jointly by Tübingen as coordinator and Stuttgart as representative of the CLARIN-D members:

- A consortium and IAB meeting in Tübingen, 16-17 June 2014
- A consortium meeting in Berlin, 02 September 2014
- A consortium meeting in Nijmegen, 05 December 2014
- A consortium and discipline-specific working groups meeting in Braunschweig, 23-24 March 2015

Administrative Support

The administrative tasks include the coordination of the reports, both on the administrative side, and also on the content side; these are reports both to the funding agency, and also reports to the KK, the LK, and the IAB, especially the milestone reports.
During the reporting period, these administrative tasks included also the coordination of the consortium in their interactions with the funding agency and the ministry during the starting phase of the new funding period. Also other tasks linked to the start of a new project phase, such as the preparation of a new consortiums agreement, were fulfilled.

The financial and legal office for CLARIN-D curation projects was jointly administrated by Sebastian Drude (MPI Nijmegen) as administrator of the curation funds, Dörte de Kok (Tübingen) as project coordinator, and Volker Boehlke/Gregor Wiedemann (Leipzig) as administrator of the Discipline-Specific Working Groups (F-AGs).
Work Package 2: Liaison

CLARIN-D’s liaison activities targets in two directions: other initiatives working on research infrastructures and user groups currently not involved in CLARIN but with research questions to which the infrastructure could provide assistance.

Previous activities with other research infrastructures were continued in this phase. These other research infrastructures consist of infrastructures for defining common interfaces and standards, here especially the standardization organizations ISO (expert group TC 37 SC 4) and DIN (expert group NA 105-00-06 AA) and the Text Encoding Initiative. Other research infrastructures and projects with common interests are the Research Data Alliance (RDA), DARIAH, EUDAT and some research projects such as special research centers (SFBs). Also the close cooperation with the European level of CLARIN was continued.

CLARIN-D has a joint Technical Advisory Board with DARIAH-DE. Within the meetings of the Technical Advisory Board, the two projects discuss areas of common interest concerning technical infrastructure, particularly persistent identifiers for resources, identity verification services, and cooperative repository services and receive feedback and advise from international experts.

On the technical side, liaising with users will be increased using the helpdesk of work package 7 to monitor contacts with external individuals and by a redesign of the project website with portal functionalities for the CLARIN services. Also documentation of CLARIN and CLARIN services by videos and screencasts with an emphasis on the user groups will be part of the liaison activities.

With the CLARIN centre Tübingen as a partner in the consortium, CLARIN-D also plays a major role in the FP7 and Horizon2020 project EUDAT (European Data Infrastructure), focused on building a European collaborative data infrastructure. As such, CLARIN participated at the Third EUDAT conference (September 24 - 25, 2014) and in the kick-off workshop of EUDAT2020 in Helsinki (March 24 – 26, 2015). CLARIN-D also utilizes technology provided by EUDAT and provides feedback and input to EUDAT developments.

The Research Data Alliance (RDA) is an interdisciplinary initiative of data centres, archives and research data infrastructures. Topics of RDA are questions of technology, culture and consortia for managing and maintaining data that is created in research or that is being used for research. CLARIN-D participates with experts and use cases in RDA meetings, both nationally and internationally.

The CLARIN-D Liaison Coordinator, Thorsten Trippel, also regularly reached out to Digital Humanities disciplines at the national and international level. This was achieved by connecting with individuals at workshops and conferences.
CLARIN cooperates with eHumanities projects, also funded by the BMBF. CLARIN exchanges ideas and technology with these groups and prepares for further services, such as hosting their data and providing web services and tools.

In the coming year, activities are planned in connection with the German Society of English Philologies ("Anglistentag"), in addition to workshops and conferences as in previous years. A cooperation with work package 4 and the dissemination workshop planned there, and the summer school co-organized by work package 8 will add to the activities.
Work Package 3: Technical Infrastructure

In the report of work package 3, we focus on the main advances of the technical infrastructure in CLARIN-D since the last reporting period, which ended in May 2014. In this timespan some important milestones have been achieved.

As mentioned in the last report, all CLARIN-D Centers have undergone the process of center assessment and certification. Currently all CLARIN-D centers are in the process of renewing their CLARIN B center status and their Data Seal of Approval.

Several infrastructure registries have been implemented, such as a center registry, a virtual collection registry and a data category registry. Together they allow for reliability, flexibility and interoperability in the distributed environment of CLARIN-D.

The Component Metadata format CMDI was submitted as an ISO standard. To support interoperability between different initiatives, it was divided into three different parts:

1. The model (ISO 24622-1:2015 Language resource management -- Component Metadata Infrastructure (CMDI) – Part 1: The Component Metadata Model),
2. The component description (intended to become ISO 24622-2, currently a Work Item in ISO TC 37 SC 4), and
3. Core components for language resources (intended to become ISO 24622-3).

The first part has been published as an ISO standard recently.

With regards to the Virtual Language Observatory, CLARIN’s faceted browser based on metadata harvested from CLARIN centers, substantial improvements in user functionality and metadata quality have been achieved.

Finally, the CLARIN IdP has undergone substantial changes in order to improve stability before migrating it to the computing center in Garching.

These and other recent developments are specified in more detail in the main report.

In summary, one can say that based on the developments on the technical level, CLARIN-D made a significant step forward on all levels. Together with aspects such as the currently renewed certification of all 9 German CLARIN centers, the foundations for a reliable research infrastructure are in place. That does not mean work has been completed — the real challenges lay and still lie in a better integration of the existing components and improvement of the user interfaces.

Another important aspect, which was in focus of CLARIN-D’s fourth year, is the organizational flexibility. Within a five-year construction phase many institutional and personal factors change over time. While it is not always simple to deal with this, the migration of several A-services, such as the necessary shift from ISOcat to CLARIN Concept Registry and the migration of the AAI services to computing centers, can serve as an example. Due to the distributed center architecture CLARIN was able to accommodate...
for this fundamental change with a minimal impact on the running services. This shows the robustness of CLARIN’s distributed setup. At the same time the use of components such as the Center Registry increase this robustness by allowing to access resources and service APIs in this dynamic distributed environment with high reliability. This shows the increasingly flexible nature of CLARIN’s distributed setup.
Work Package 4: Discipline-specific Working Groups

In the fourth year (01.05.2014 – 30.04.2015) of CLARIN-D, the activities in work package 4 (WP4) were centered around two main tasks:

- Curation Projects
- Dissemination

In the following we will give a short summary of the activities of WP4. For a full report, especially on the activities in the discipline-specific Working Groups (WG), please refer to the CLARIN-D Report 4.4 “Annual report on the activities of the Discipline-specific Working Groups”.

The CLARIN-D work package 4 “Discipline-specific Working Groups” acts as a link between the CLARIN-D centers and the research communities which represent the users of the CLARIN-D infrastructure. Ten Working Groups (WG) act as consultants for the needs of the humanities, social sciences and particular disciplines. All ten WG together consist of more than 170 academic professionals. Their main role is to advise CLARIN-D during the development and implementation of the infrastructure so that these efforts can best meet the needs of all research communities involved. WG chairs further coordinate dissemination and best practice using CLARIN-D services in their member communities. During the reporting period three new discipline-specific working groups joined CLARIN-D: WG 8 (social science), 9 (modern history) and 10 (contemporary history). With these three groups, CLARIN-D broadens the scope of its user community even further.

CLARIN-D work package 4 (WP4) comprises of the management of joint activities of the working groups. This includes the organization of working group meetings, organization of specialized and interdisciplinary workshops and the creation of joint reports. Further, communications between CLARIN-D centers and the WG as well as groups among themselves are coordinated. This work is done in close cooperation with the heads and members of the WG. Virtual meetings are held on a monthly basis. Contents of the curation projects and activities of the WG were published on the CLARIN-D Website. For communication mailing lists and wiki contents were maintained. WP4 also reports on activities of WG in the quarterly CLARIN-D consortium meetings.

During the fourth year of CLARIN-D, eight curation projects started their work, a ninth one is preparation. In the curation projects, language resources are maintained and adapted for integration into the CLARIN-D infrastructure (WG 1, 2, 8, 9, 10). Further, analysis tools and data repositories for language data are developed and improved (4, 5, 7, 8). The discipline-specific working groups prepared the applications for the new projects. These applications were reviewed by two CLARIN-D centers each and approved by the CLARIN-D steering committee (“Lenkungskreis”). Each of the three newly introduced WG applied for a curation project as well.
In summer 2015, WP4 will organize the third dissemination workshop of the CLARIN-D discipline specific working groups. For this workshop preparation started in early 2015 to determine site, dates and topics, and to set-up a preliminary workshop program. The workshop will take place on 30.06./01.07.2015 at the Mediencampus Leipzig.
Work Package 5: Services and Resources

During the fourth project year, CLARIN-D member institutions focused on the curation and integration of Language Resources and Technology (LRT) that originate from different research institutions outside the consortium. However, all partners also continued integrating and further curating their own existing LRT. These efforts are described in more detail in the report R5.4. Minor maintenance work and bug fixes of LRT already integrated during the first three years of the project are generally not mentioned explicitly. The focus of R5.4 is decidedly on newly added LRT and significant technical or functional improvements of LRT integrated earlier.

CLARIN-D centers provide consulting and hosting service to external research groups and single researchers. Close collaboration with the F-AGs and their associated curation projects continued to be a solid foundation for reaching out to research communities outside CLARIN-D. LRT provided by curation projects are also hosted at CLARIN-D centers.

As a curation effort specifically targeting metadata curation with respect to its application in the Virtual Language Observatory (VLO), AP5 members formed a dedicated VLO taskforce (VLO-TF). During the report period, BBAW was responsible for coordinating the taskforce work. The VLO-TF aims at providing AP3 and specifically the VLO development group with informed feedback and suggestions to further improve the VLO as the central entry point for many prospective CLARIN users. During regular (virtual) taskforce meetings, detailed tasks were formulated and directed to AP3 by means of TRAC tickets (see https://trac.clarin.eu/report/10, login required) and white papers. The VLO-TF works in close cooperation with related taskforces on CLARIN ERIC level, including the CLARIN Concept Registry Coordinators group, the CLARIN Metadata Curation taskforce, the CLARIN Standards Committee, and the CMDI 1.2 Taskforce. The work of the VLO-TF was presented at the CLARIN Annual Conference (CAC 2015), October 23 – 25, in Soesterberg (NL). For more information on the VLO-TF see https://trac.clarin.eu/wiki/VLO-Taskforce (login required).
Work Package 6: Legal and Ethical Issues

Work Package 6 (WP6) focuses on legal and ethical issues regarding the usability and re-usability of language resources in CLARIN-D. The overall goal of WP6 is to provide useful legal information and resources for CLARIN-D partners. The tasks and goals of WP6 are guided by the outline and milestones laid out in the CLARIN-D Vorhabenbeschreibung (project description).

The Institut für Deutsche Sprache (IDS) has consolidated all legal information regarding CLARIN-D at one "home", the CLARIN-D Legal Helpdesk, (http://clarin-d.de/legalissues). This now includes information on CLARIN legal terms and licenses, a Legal Information Platform, with information on various legal topics in English and German, and a CLARIN-D Language Resources Legal Issues Bibliography. In the past year, these were updated with entries on possible changes to German laws affecting research and introductory resources to begin to understand legal issues.

The WP6 team published new papers on legal issues that are key to language resources, including a paper on the Liability of Service Providers in e-Research Infrastructures through LREC and another paper on what research communities think about open data. The team also contributed as part of a roundtable of authors to DFG (Deutsche Forschungsgemeinschaft, German Research Foundation) endorsed guidelines on legal issues and language resources.

Previously, the CLARIN Legal Issues Committee (CLIC) approved the creation of the CLIC White Paper Series to publish short papers on legal issues affecting the community. The first of these, on Creative Commons 4.0 and language resources, was published.

The WP6 team gives frequent presentations and lectures at CLARIN-D events, digital humanities conferences, and as invited speakers at university classrooms, providing education to the CLARIN-D and research communities on legal issues affecting language resources and digital humanities in general.

Continuing on WP6’s mission of copyright reform, the team has represented CLARIN-D’s voice in the first steps of possible upcoming changes to German copyright laws, including by meeting with members of the Allianz der deutschen Wissenschaftsorganisationen (“Alliance of German research organisations”). Also, the WP6 team has been involved in continued communication with European Commission staffers to continue articulating our position there.

New license helper tools are being developed within CLARIN. The first, a CLARIN License Category Calculator, which uses plain language to help users identify the conditions of use for a resource (the "laundry tags"), is now online. This was developed primarily by CLARINO, with input by CLIC (including the WP6 team). A second license helper is
currently in beta and developed with our Czech CLARIN colleagues. This helper tools is currently in beta and will assist users when depositing a resource within CLARIN.

Throughout 2015, IDS will continue to expand the Legal Helpdesk, hopefully publish more journal articles and at least one CLIC White Paper, continue work on license helper tools, and continue to represent the voices of CLARIN-D and CLARIN at venues relevant to changes of law, in Europe and now especially Germany.
Work Package 7: Support and Help Desk

The focus of the activities undertaken between M36 and M48 in work package 7 was on creating the base for a long-term establishment of the CLARIN-D Helpdesk as a prominent interface to the outside world for the CLARIN infrastructure. As an essential step towards this it is necessary to achieve an optimum visibility of the service – not only for actual but also for possible users of the infrastructure and its components.

To ensure this, an approach was chosen that aims at providing entry points for getting user support all over the CLARIN-D infrastructure components and also makes the helpdesk open for external tools and services. As described in deliverable R7.3, the integration is implemented by uniform call-to-action buttons and predefined contact forms that are placed all over the CLARIN-D websites as well as service-specific email addresses. The incoming support requests – depending on the respective location and type of the component – are classified and presorted in the CLARIN-D ticketing system. The following table provides an overview of the CLARIN-D components and services integrated into the CLARIN-D Helpdesk so far.

<table>
<thead>
<tr>
<th>Center</th>
<th>Service/Tool</th>
<th>Type</th>
<th>Location/Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>all</td>
<td>CLARIN-D Website</td>
<td>button</td>
<td><a href="http://de.clarin.eu/de/">http://de.clarin.eu/de/</a></td>
</tr>
<tr>
<td>BAS</td>
<td>BASWeb-Services</td>
<td>button</td>
<td><a href="http://clarin.phonetik.unimuenchen.de/BASWebServices/">http://clarin.phonetik.unimuenchen.de/BASWebServices/</a></td>
</tr>
<tr>
<td>BBAW</td>
<td>Contact</td>
<td>form</td>
<td><a href="http://clarin.bbau.de/kontakt/">http://clarin.bbau.de/kontakt/</a></td>
</tr>
<tr>
<td>ETue</td>
<td>TüNDRA</td>
<td>button</td>
<td><a href="https://weblicht.sfs.uni-tuebingen.de/Tundra/">https://weblicht.sfs.uni-tuebingen.de/Tundra/</a></td>
</tr>
<tr>
<td>ETue</td>
<td>WebLicht</td>
<td>button</td>
<td><a href="https://weblicht.sfs.uni-tuebingen.de/WebLicht-4/">https://weblicht.sfs.uni-tuebingen.de/WebLicht-4/</a></td>
</tr>
<tr>
<td>HZSK</td>
<td>Corpus Repository</td>
<td>button</td>
<td><a href="https://corpora.uni-hamburg.de/">https://corpora.uni-hamburg.de/</a></td>
</tr>
<tr>
<td>HZSK</td>
<td>EXMARaLDA</td>
<td>email</td>
<td><a href="mailto:exmaralda-support@uni-hamburg.de">exmaralda-support@uni-hamburg.de</a></td>
</tr>
<tr>
<td>UdS</td>
<td>CQPWeb</td>
<td>button</td>
<td><a href="https://fedora.clarin-d.uni-saarland.de/cqweb/">https://fedora.clarin-d.uni-saarland.de/cqweb/</a></td>
</tr>
<tr>
<td>UdS</td>
<td>TeLeMaCo</td>
<td>button</td>
<td><a href="http://fedora.clarin-d.uni-saarland.de/hub">http://fedora.clarin-d.uni-saarland.de/hub</a></td>
</tr>
</tbody>
</table>

The following services and tools that are not provided by a CLARIN-D Center have also been integrated or are in a process of integration

- The VLO-Fedback Form (http://www.clarin.eu/node/3759)
• WebAnno, a web-based annotation tool for a wide range of linguistic annotation (https://code.google.com/p/webanno/)
• ANNIS, search and visualization architecture for complex multilayer linguistic corpora (http://annis-tools.org/)
• CATMA, a tool for computer aided textual markup and analysis (http://www.catma.de/)

The efficiency of the system and the implemented workflows can be seen in the number of support requests and the required processing time. While the number of support requests increased to 20 requests per week, the personnel effort remained on the same level. This illustrates the increased efficiency of the help desk. The assessment of processing times in June 2014 and again at in March 2015 came to the result that the time effort remained constant with an average of 25 min/day for first level and 15 min/day for second level support.

Further steps toward an improved usability of the support portal, the dissemination and also continuation of the CLARIN-D Helpdesk beyond the current implementation phase are described in detail in Project Report R 7.4.
Work Package 8: Training and Education

CLARIN-D is continuously seeking to increase the dialogue with the prospective users of its services in order to reach out in the different scientific communities. The major event of the work package training and education in the fourth project year was the organization of a summer school, which took place from July 22 to August 1st in Leipzig as a joint event with the well-established European summer university Digital Humanities Culture & Technology. CLARIN-D co-organized the summer university, organized five workshops and provided insight in its resources and tools with a daily information desk and demonstrations. A more detailed report on the summer university can be found in chapter 2 of R8.4 and on the website (http://www.culingtec.uni-leipzig.de/ESU_C_T/).

After the success of the first event, the preparation for the second CLARIN-D summer school has already started. The summer school will again be organized as a joint event with the European summer university Digital Humanities Culture & Technology and will take place from July 28th to August 7th 2015. CLARIN-D will organize four workshops and a demonstration session at the beginning of the summer university. More information about the status of the summer university can be found in chapter 3 of R8.4 and on the website (http://www.culingtec.unileipzig.de/ESU_C_T/).

Besides, CLARIN-D continued its series of training events for doctoral students the CLARIN-D PhD-days. The last workshops in the series Sprachdatenbanken – von der Aufnahme zur Publikation was held in Munich on April 9, 2015 and was organized by the CLARIN-D center of the LMU, Munich. The next event in the series is planned for October 2015 (exact date to be announced) organized by the CLARIN-D center of the University of Leipzig and will be focusing on machine learning applications.

CLARIN-D also continued its rich offer of workshops, tutorials, courses, demonstrations and presentations. An overview of the training measures organized by CLARIN-D centers can be found in chapter 4 of R8.4.

After a phase of internal testing within the CLARIN-D project, TeLeMaCo (a collaborative portal for training and teaching materials) went public in September 2013 and was announced at GSCL 2013 (Amoia et al., 2013)\(^3\). Since then, a steady trickle of descriptions was added to TeLeMaCo, now holding a total of 134 materials. Most of the contributions still come from members of the CLARIN-D project, but we start seeing submissions from other places, too. More information on TeLeMaCo can be found in chapter 5 of R8.4.

Work Package 9: Dissemination and Acceptance

Activities in 2014 and 2015
BAS (LMU Munich) and IMS (U Stuttgart) are responsible for AP9. The activities within the work package focus on activities at national and international conferences, publishing the CLARIN-D newsletter, and the CLARIN-D web site and wiki.

In the report period (June 2014 until May 2015), the following actions were performed:
Publication of the 6th and 7th newsletter in May 2014 and Nov. 2014, the 8th newsletter is planned for May 2015.
Production of a tutorial video on the BAS web service COALA (CMDI metadata generator tool); three tutorial videos are now available on YouTube.
The CLARIN-D website is undergoing a complete relaunch with a focus on user-centered design to facilitate access to CLARIN-D web services.
CLARIN-D related material was presented at several national and international conferences, e.g. LREC in Reykjavik, DHd 2015 in Graz, DH 2014 in Lausanne, ESU summer university in Leipzig etc.
BAS will hold the 2nd workshop on “Sprachdatenbanken – von der Aufnahme zur Publikation” in Munich on April 9, 2015. 28 participants from Austria, Switzerland, UK and Germany have registered.

Strategic planning
The web site is currently being relaunched.
The newsletter will now successively present descriptions of all CLARIN-D repositories.
In its dissemination efforts, AP9 will focus on senior students and young researchers. We believe that these are the future users of the CLARIN infrastructure, and hence we try to introduce them to CLARIN resources as early as possible.