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## Chapter 3

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### 4.5 Di logue pl ns

In this section, we introduce a formalism for representing procedural plans as sequences of actions. Dialogue plans are implemented in the domain resource (see Section ??).

#### 4.5.1 Action sequences and actions

In the simplest case, a plan consists of a sequence of actions. More complex plans may also include e.g. conditionals (if-then-else). In general, dialogue plans are built from so-called plan constructors.

Action sequences have the form  $\langle u_1, \dots, u_n \rangle$  where  $u_i$ : Action

up the answer to q in the database. The resulting proposition is stored in

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as e.g., want(user, go-to(user, paris)) or want(u, go-to(u,p)) & city(p) & name(p, paris) & user(u). GoDIS uses a reduced semantic representation with a coarser, domain-dependent level of granularity; for example, the

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## A.U. DOWNLOADING AND

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## Appendix B

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