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function react_agent(task, files, tools, model, max_steps, auto_accept_plan=false):
    planning_prompt = create_planning_prompt(task, files, tools)
    plan_response = model.generate(planning_prompt, forced_tool="propose_plan")
    proposed_plan = extract_plan_from_response(plan_response)

    if not auto_accept_plan:
        final_plan = user_confirm_or_edit(proposed_plan)
        if not final_plan:
            return "Ejecución cancelada por el usuario."
    else:
        final_plan = proposed_plan

    prompt = create_execution_prompt(task, files, final_plan, tools)

    for i in 1 to max_steps:
        response = model.generate(prompt)
        action = extract_action(response)

        if not action or action.name == "finish":
            print("Tarea completada.")
            return extract_final_answer(response)

        tool_to_call = tools.get(action.name)
        observation = tool_to_call.execute(action.args)

        prompt += f"\nAction: {action.name}({action.args})"
        prompt += f"\nObservation: {observation}\nThought:"

    print("Límite de pasos alcanzado.")
    return "Tarea no completada."

```